

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008678.D
 Acq On : 05 Apr 2019 12:35
 Operator : JC/SP
 Sample : VX0405WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:49:24 AM

Quant Time: Apr 05 13:55:17 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Wed Mar 27 12:01:15 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	29972	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	172600	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	153096	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74808	29.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.47%
60) 4-Bromofluorobenzene	11.13	95	78503	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	8.71	98	219475	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	39527	19.286	ug/l 98
3) Chloromethane	1.32	50	53445	19.904	ug/l 96
4) Vinyl Chloride	1.40	62	50770	18.758	ug/l 98
5) Bromomethane	1.64	94	18266	13.025	ug/l 99
6) Chloroethane	1.72	64	31838	17.972	ug/l 94
7) Trichlorofluoromethane	1.93	101	59957	19.958	ug/l 98
8) Diethyl Ether	2.18	74	28074	19.816	ug/l 78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38260	20.450	ug/l 93
10) 1,1-Dichloroethene	2.37	96	39054	20.576	ug/l 83
11) Methyl Iodide	2.51	142	14245	7.248	ug/l 95
12) Methyl Acetate	3.19	43	32333	21.018	ug/l 92
13) Acrolein	2.29	56	47089	106.701	ug/l 99
14) Acrylonitrile	3.14	53	154165	108.396	ug/l 99
15) Acetone	2.44	58	44575	101.635	ug/l 90
16) Carbon Disulfide	2.57	76	113461	19.217	ug/l 99
17) Allyl chloride	2.73	41	89943	21.085	ug/l 88
18) Methylene Chloride	2.85	84	47248	20.825	ug/l # 80
19) trans-1,2-Dichloroethene	3.17	96	41788	20.608	ug/l 92
20) Diisopropyl ether	3.85	45	180562	21.748	ug/l # 88
21) 1,1-Dichloroethane	3.70	63	88257	21.178	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	49157	20.978	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	59610	103.795	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	150077	21.515	ug/l 100
25) Chloroform	5.21	83	78951	20.914	ug/l 98
26) Cyclohexane	5.58	56	83629	20.656	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	61759	21.269	ug/l 93
30) 2-Butanone	4.67	43	228059	106.806	ug/l 93
31) 2,2-Dichloropropane	4.59	77	60828	20.974	ug/l 95
32) 1,1,1-Trichloroethane	5.49	97	63004	20.894	ug/l # 94
33) Carbon Tetrachloride	5.78	117	52029	20.623	ug/l 97
34) Benzene	6.14	78	190138	21.421	ug/l # 97
35) Methacrylonitrile	5.04	41	46109	21.234	ug/l 90
36) 1,2-Dichloroethane	6.19	62	68234	21.562	ug/l 97
37) Trichloroethene	7.21	130	42744	20.940	ug/l 88
38) Methylcyclohexane	7.46	83	74789	20.440	ug/l 88
39) 1,2-Dichloropropane	7.51	63	53116	21.098	ug/l 97
40) Dibromomethane	7.66	93	30547	20.946	ug/l 91

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 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	59786	20.849	ug/l	96
42) Vinyl Acetate	3.81	43	794487	109.761	ug/l #	93
43) Ethyl Acetate	4.83	43	86151	22.417	ug/l #	81
44) Isopropyl Acetate	6.45	43	134227	21.600	ug/l	98
45) 1,4-Dioxane	7.74	88	24669	398.771	ug/l #	81
46) Methyl methacrylate	7.77	41	68338	21.652	ug/l	86
47) n-amyl Acetate	10.90	43	121544	21.532	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	64629	19.954	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	74617	20.596	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	45848	21.172	ug/l	96
51) Ethyl methacrylate	9.18	69	85236	21.152	ug/l	91
52) 1,3-Dichloropropane	9.37	76	82486	21.411	ug/l	99
53) Dibromochloromethane	9.58	129	42892	20.128	ug/l	100
54) 1,2-Dibromoethane	9.67	107	46805	20.967	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	199296	98.031	ug/l	95
56) Bromoform	10.85	173	30986	19.952	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	443030	109.690	ug/l #	95
59) 2-Hexanone	9.49	43	342067	107.199	ug/l	96
61) Tetrachloroethene	9.34	164	37132	22.174	ug/l	97
62) Toluene	8.78	91	196264	21.174	ug/l	100
64) Chlorobenzene	10.14	112	115150	21.201	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	40618	21.211	ug/l	97
66) Ethyl Benzene	10.25	91	214922	20.889	ug/l	97
67) m/p-Xylenes	10.36	106	156945	41.823	ug/l	90
68) o-Xylene	10.69	106	76280	20.772	ug/l	90
69) Styrene	10.71	104	133267	20.856	ug/l	96
70) Isopropylbenzene	11.02	105	202391	20.894	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	77773	21.492	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	64737m	21.164	ug/l	
73) Bromobenzene	11.26	156	49107	21.308	ug/l	79
74) n-propylbenzene	11.36	91	237060	20.542	ug/l	94
75) 2-Chlorotoluene	11.42	91	143027	20.832	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	172216	20.795	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	22417	19.106	ug/l	95
78) 4-Chlorotoluene	11.51	91	161592	20.450	ug/l	91
79) tert-butylbenzene	12.06	119	174979	20.675	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	171448	20.762	ug/l	95
81) sec-Butylbenzene	11.94	105	193944	20.496	ug/l	96
82) p-Isopropyltoluene	12.06	119	174979	20.675	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	85619	20.926	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	84752	20.728	ug/l	97
85) n-Butylbenzene	12.38	91	158241	19.678	ug/l	97
86) Hexachloroethane	12.59	117	27535	19.472	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	87259	21.166	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16851	21.009	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	59433	20.899	ug/l	98
90) Hexachlorobutadiene	13.78	225	29291	21.380	ug/l	98
91) Naphthalene	13.83	128	205661	21.108	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	61439	21.448	ug/l	98

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ClientSampleId :
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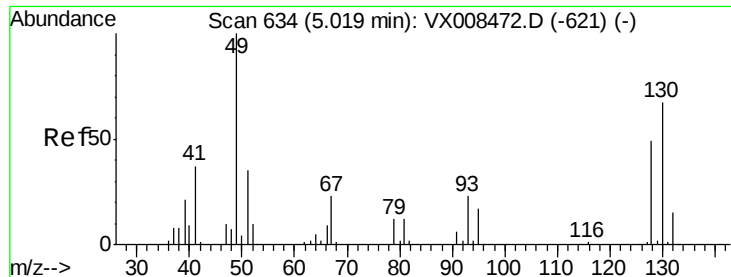
Manual Integrations
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4/8/2019 9:49:24 AM

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QLast Update : Wed Mar 27 12:01:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0405WBS01

Tgt Ion:128 Resp: 29972

Ion Ratio Lower Upper

128 100

49 208.0 0.0 350.8

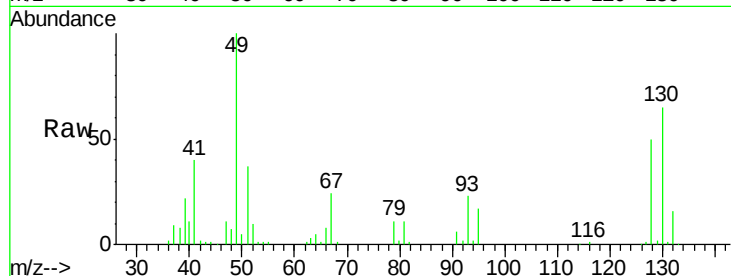
130 127.8 0.0 325.8

Manual Integrations

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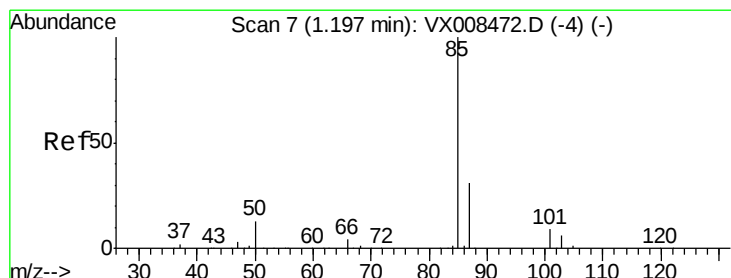
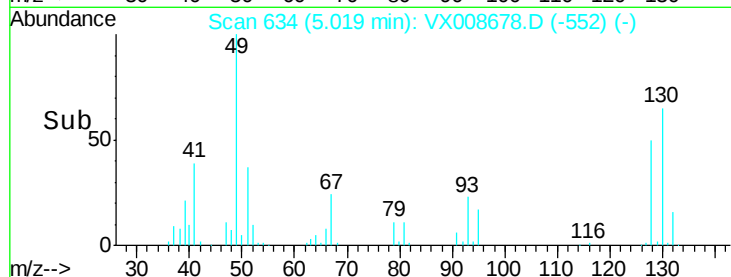
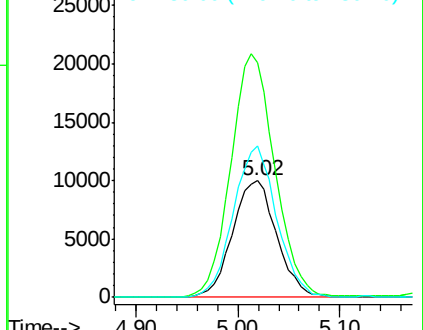
4/8/2019 9:49:24 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.286 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008678.D

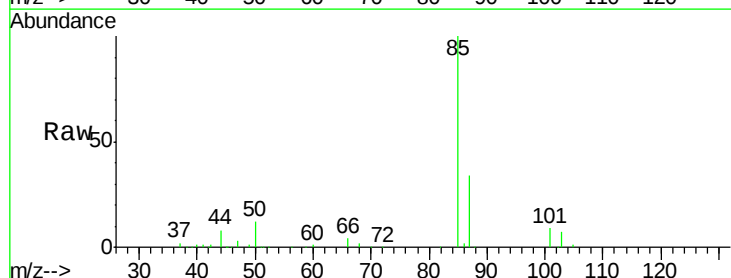
Acq: 05 Apr 2019 12:35

Tgt Ion: 85 Resp: 39527

Ion Ratio Lower Upper

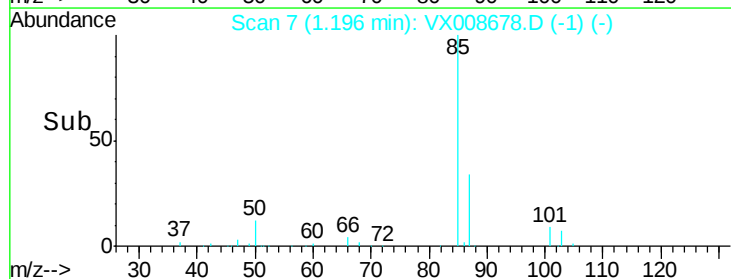
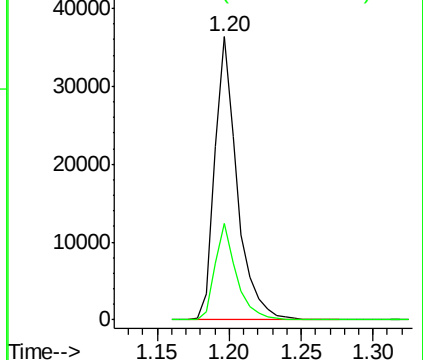
85 100

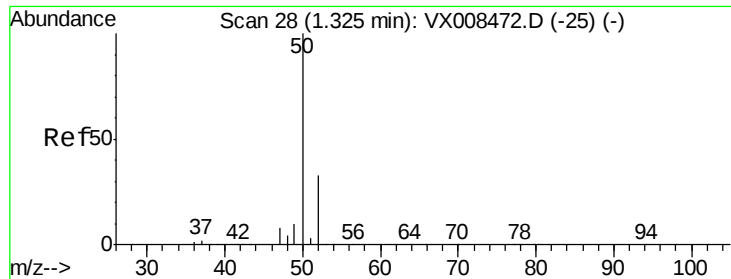
87 34.2 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 19.904 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 50 Resp: 53445

Ion Ratio Lower Upper

50 100

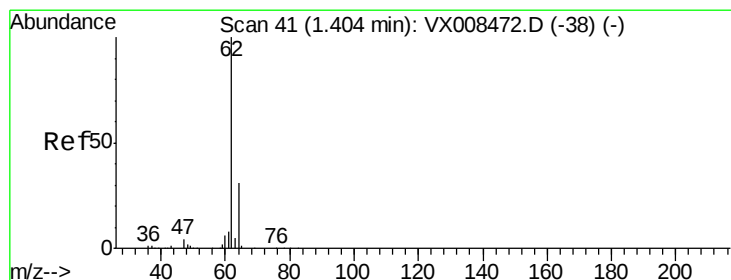
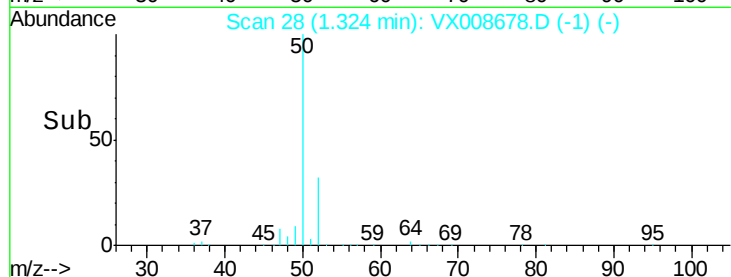
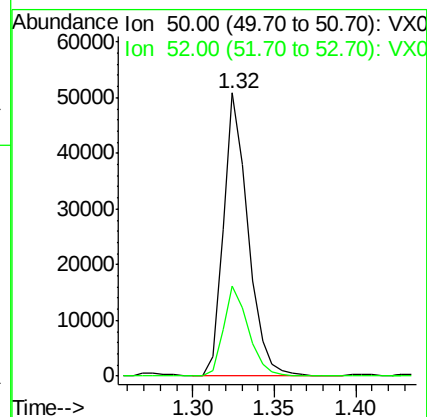
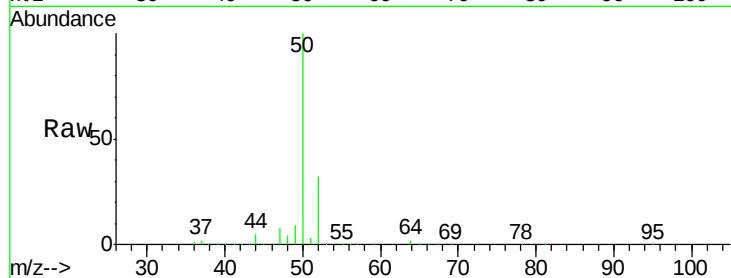
52 32.1 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.758 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008678.D

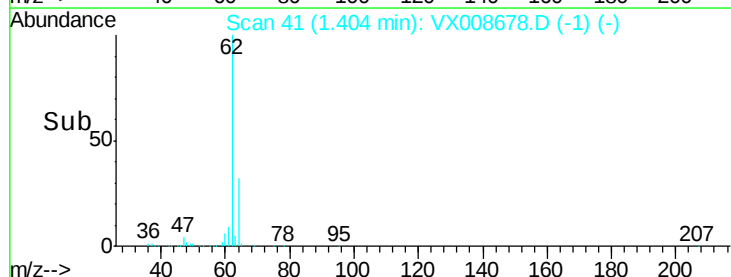
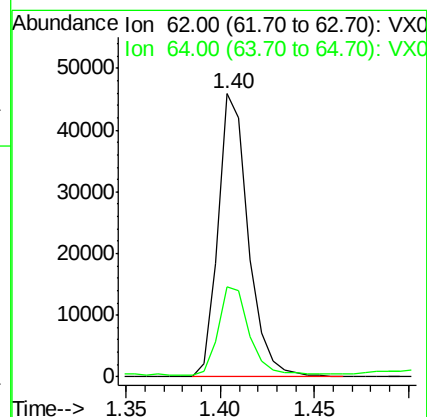
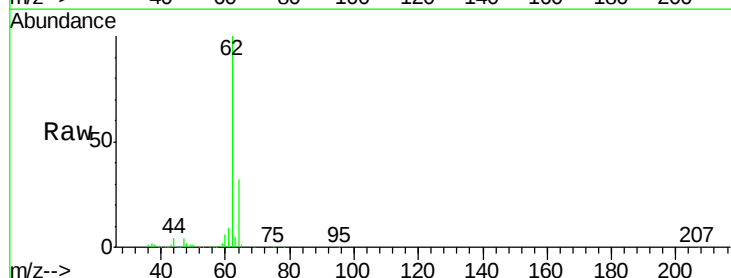
Acq: 05 Apr 2019 12:35

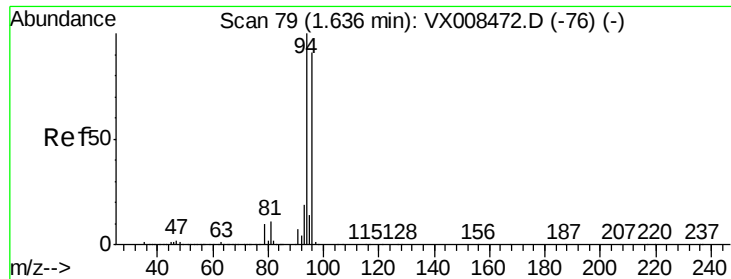
Tgt Ion: 62 Resp: 50770

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 13.025 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 94 Resp: 18266

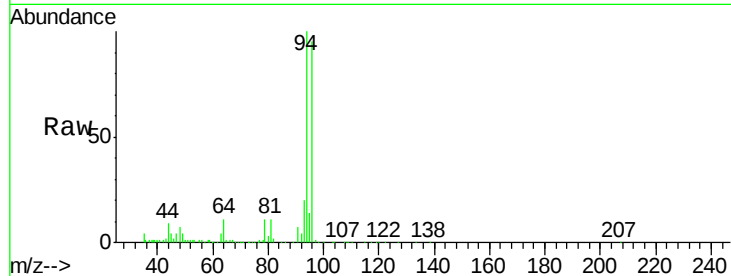
Ion Ratio Lower Upper

94 100

96 95.1 75.6 113.4

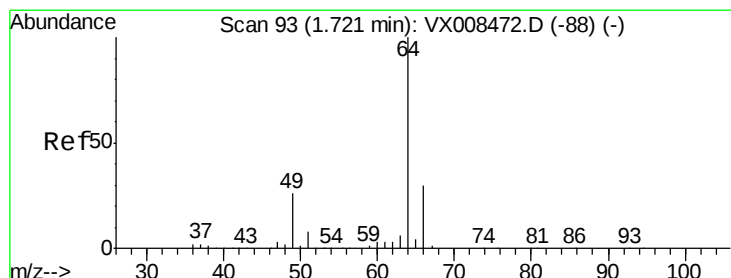
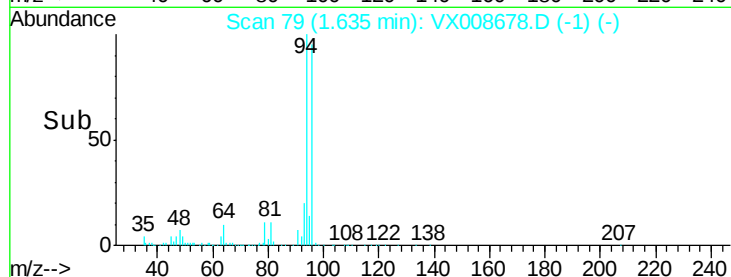
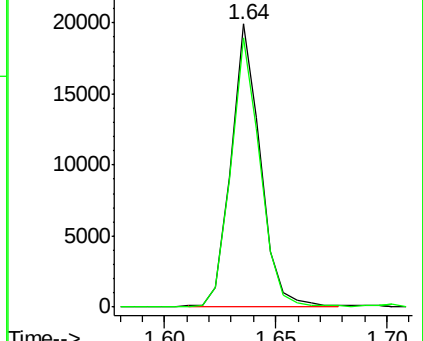
Manual Integrations
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.972 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008678.D

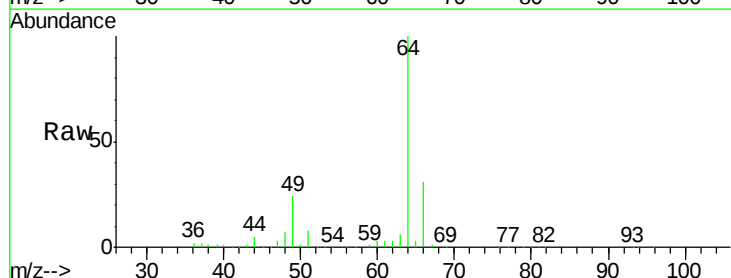
Acq: 05 Apr 2019 12:35

Tgt Ion: 64 Resp: 31838

Ion Ratio Lower Upper

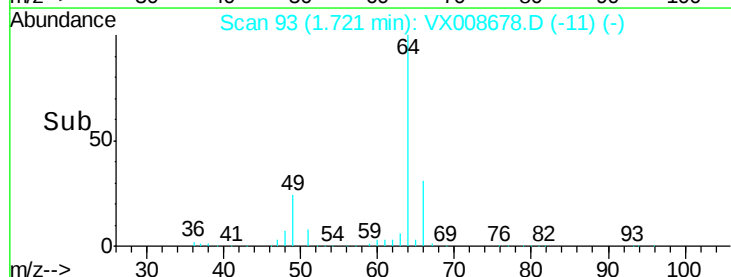
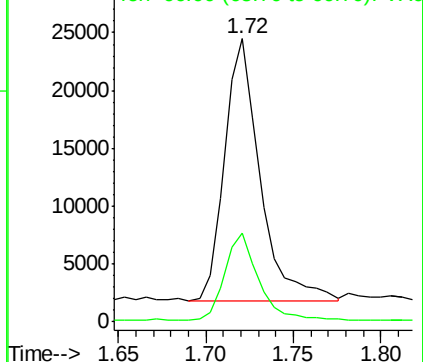
64 100

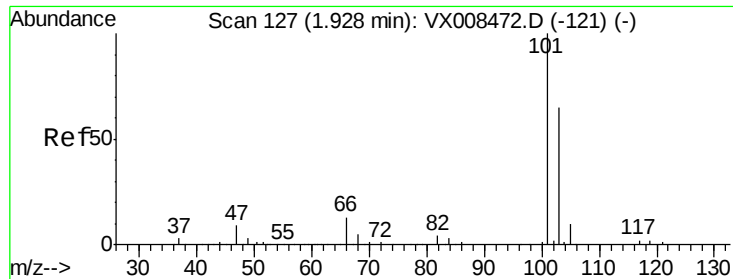
66 33.0 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

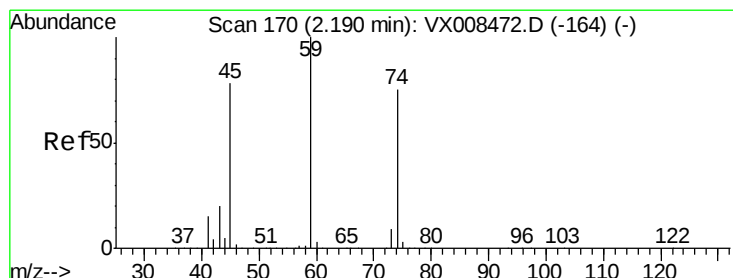
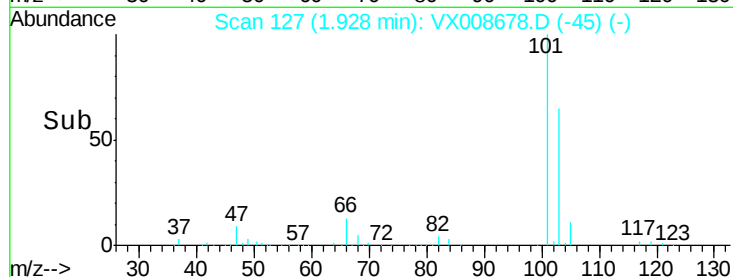
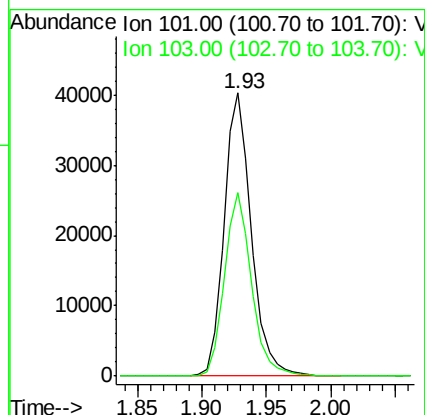
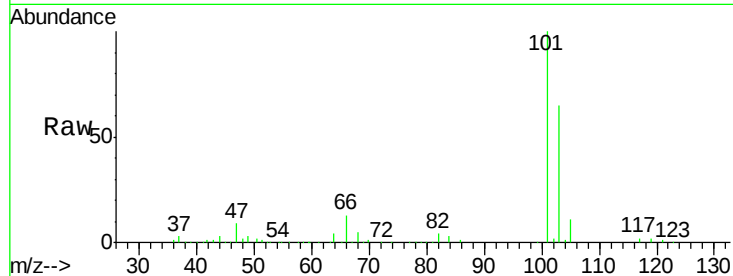
Trichlorofluoromethane
 Concen: 19.958 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion: 101 Resp: 59957
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.4 75.6

Manual Integrations
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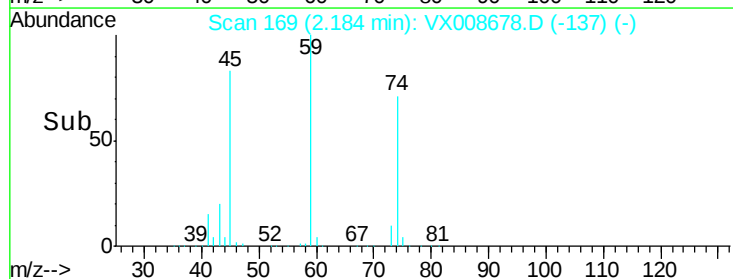
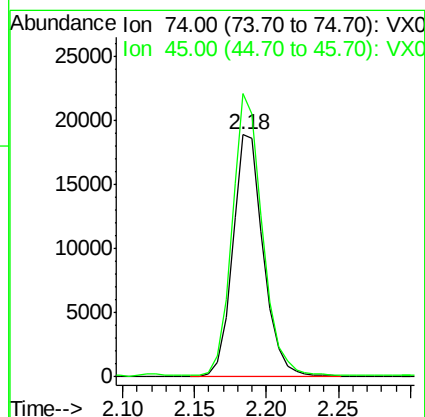
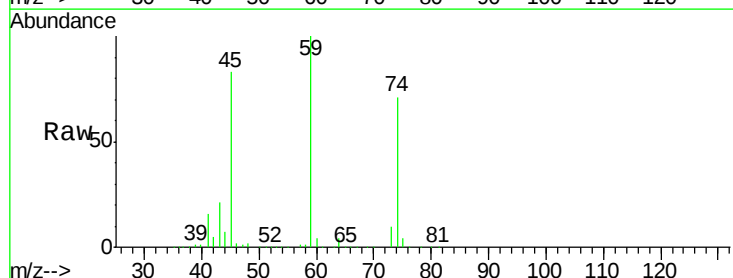
MMDadoda
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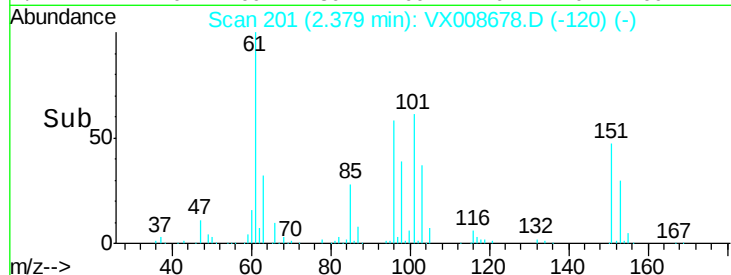
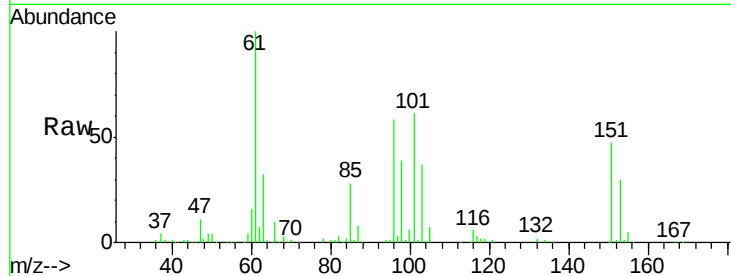
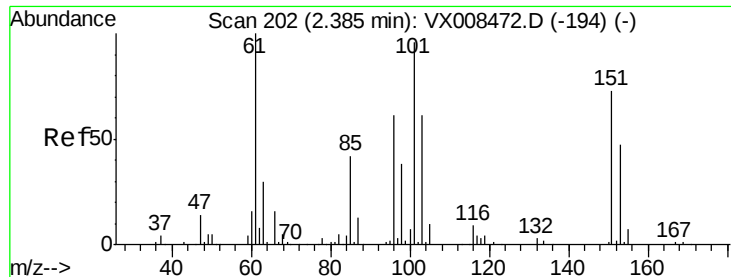


#8

Diethyl Ether
 Concen: 19.816 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion: 74 Resp: 28074
 Ion Ratio Lower Upper
 74 100
 45 114.8 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.450 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008678.D

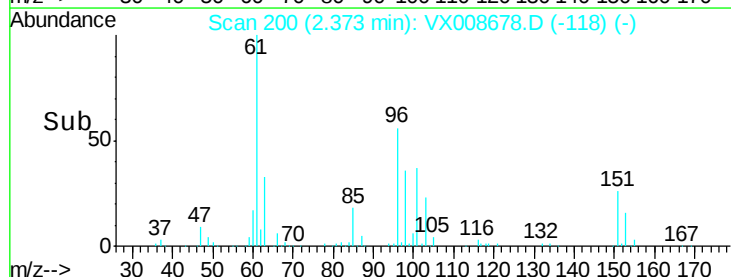
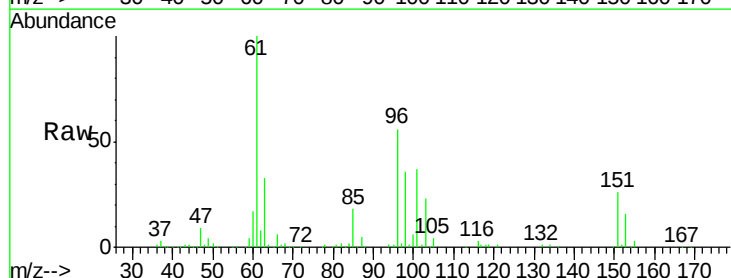
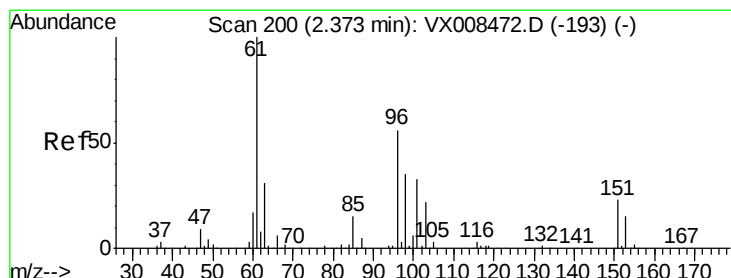
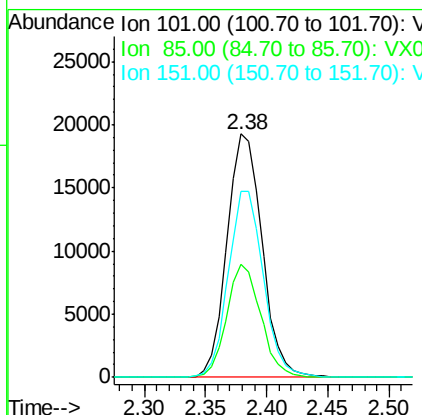
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	38260		
85	45.1	0.0	86.8	
151	76.6	0.0	169.2	

Instrument :
MSVOA_X
ClientSampled :
VX0405WBS01

Manual Integrations
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4/8/2019 9:49:24 AM



#10

1,1-Dichloroethene

Concen: 20.576 ug/l

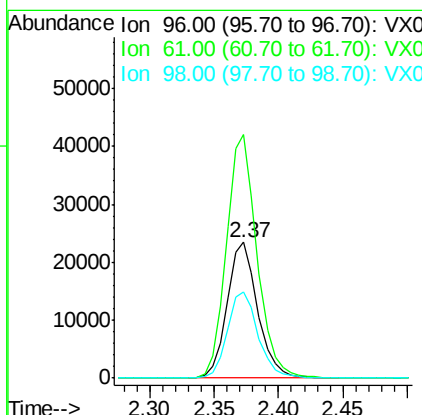
RT: 2.37 min Scan# 200

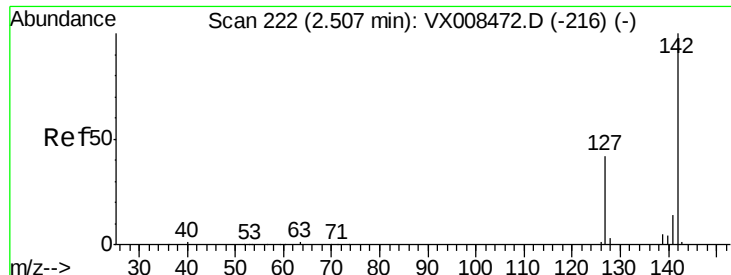
Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	39054		
61	179.2	120.2	180.2	
98	63.7	49.0	73.4	





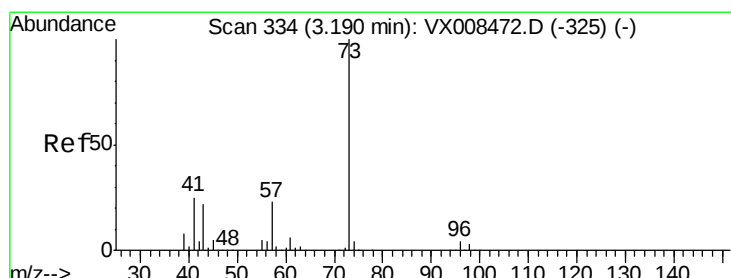
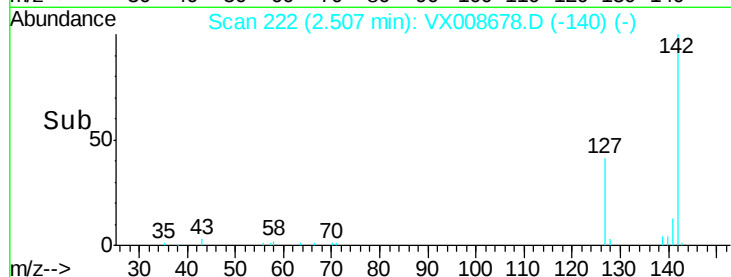
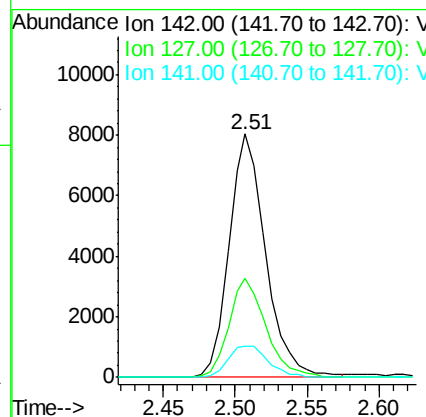
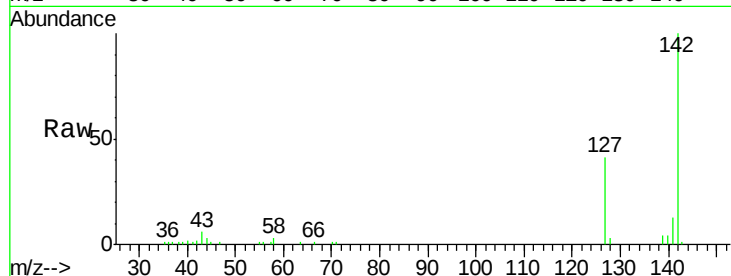
#11
Methyl Iodide
Concen: 7.248 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.0	22.1	66.5
141	12.9	7.4	22.3

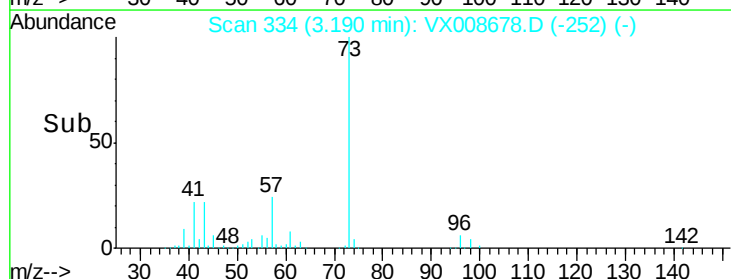
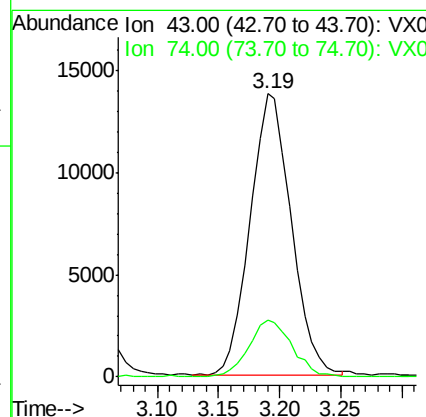
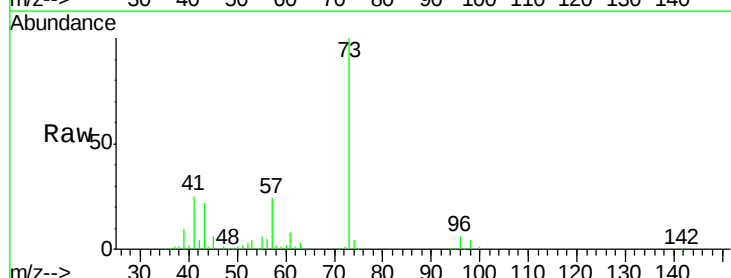
Manual Integrations
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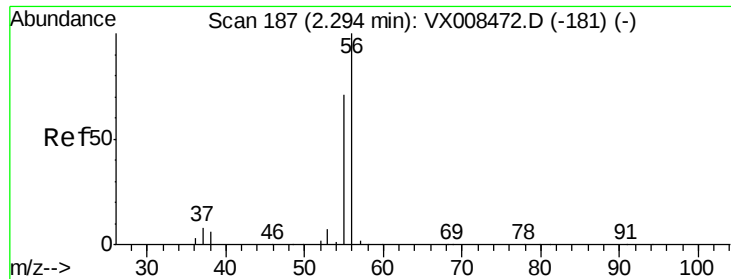
MMDadoda
4/8/2019 9:49:24 AM



#12
Methyl Acetate
Concen: 21.018 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	19.4	29.0





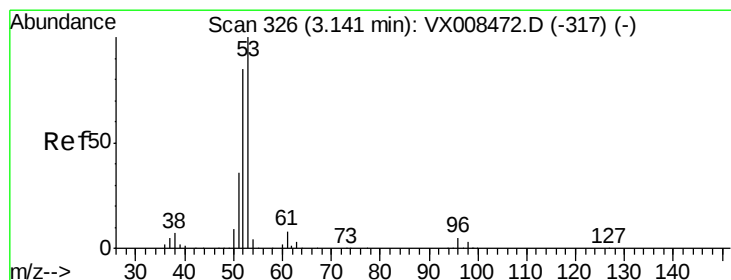
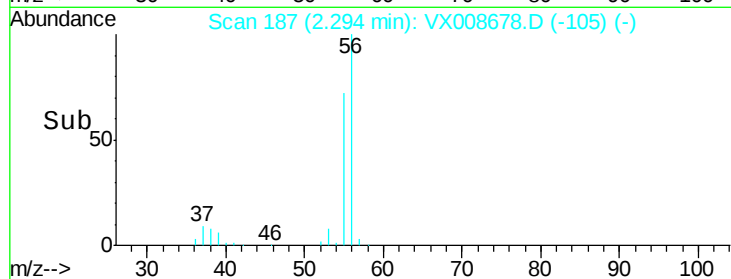
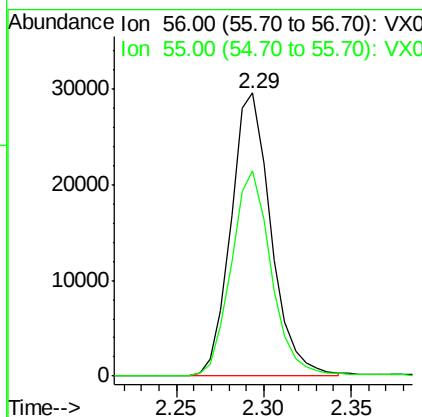
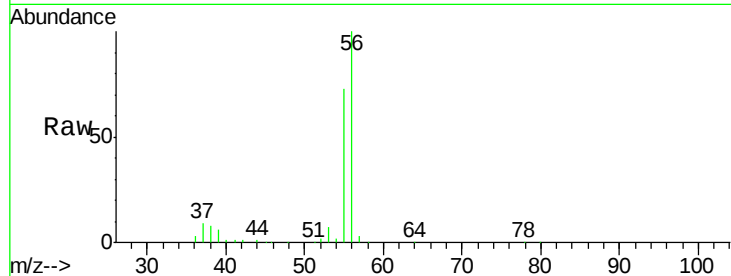
#13
Acrolein
Concen: 106.701 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion: 56 Resp: 47089
Ion Ratio Lower Upper
56 100
55 72.0 58.6 87.8

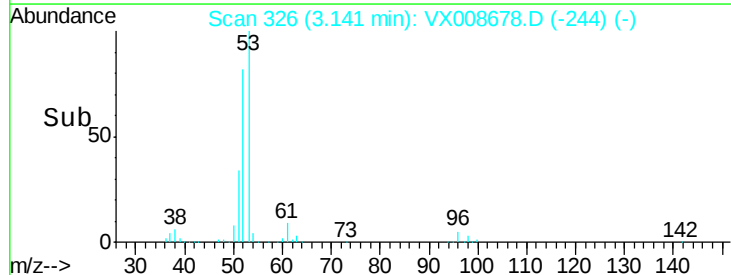
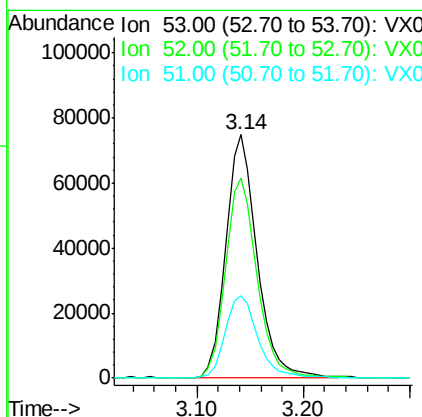
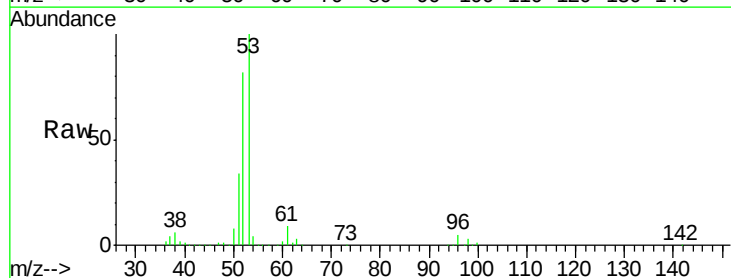
Manual Integrations
APPROVED

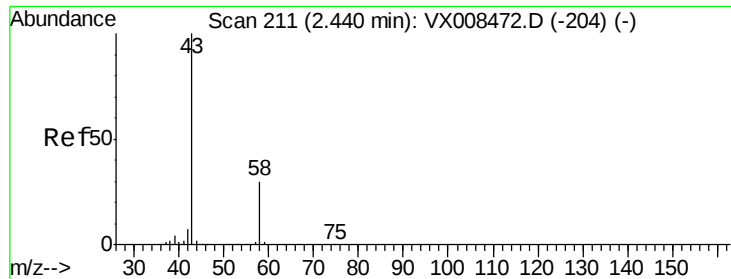
MMDadoda
4/8/2019 9:49:24 AM



#14
Acrylonitrile
Concen: 108.396 ug/l
RT: 3.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion: 53 Resp: 154165
Ion Ratio Lower Upper
53 100
52 83.1 41.3 124.1
51 35.7 17.5 52.6





#15

Acetone

Concen: 101.635 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 58 Resp: 44575

Ion Ratio Lower Upper

58 100

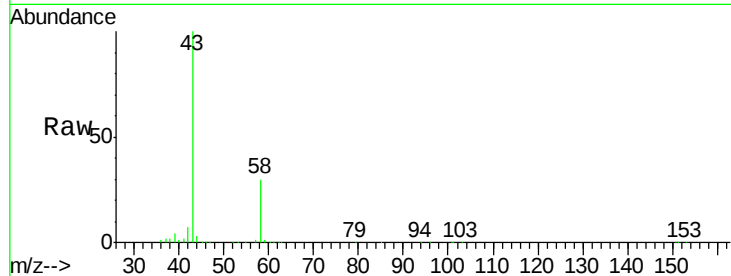
43 332.5 249.8 374.6

Manual Integrations

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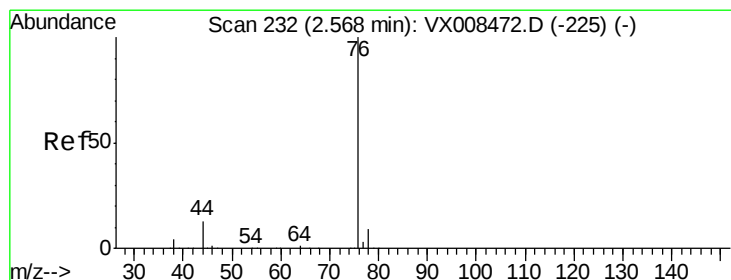
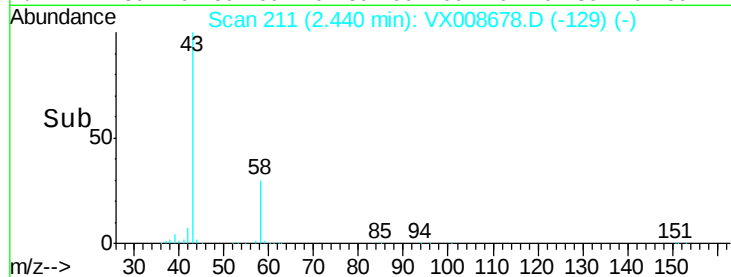
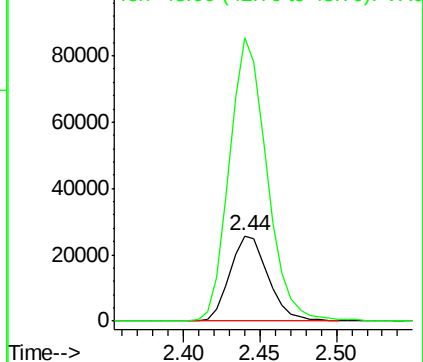
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.217 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008678.D

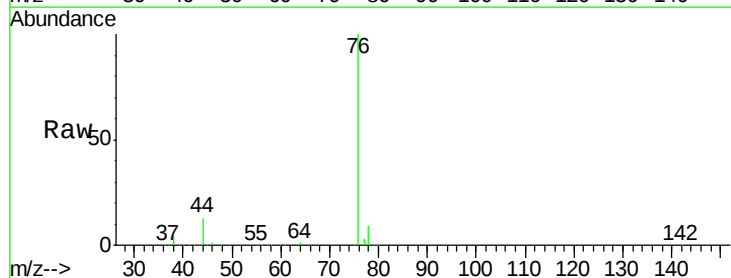
Acq: 05 Apr 2019 12:35

Tgt Ion: 76 Resp: 113461

Ion Ratio Lower Upper

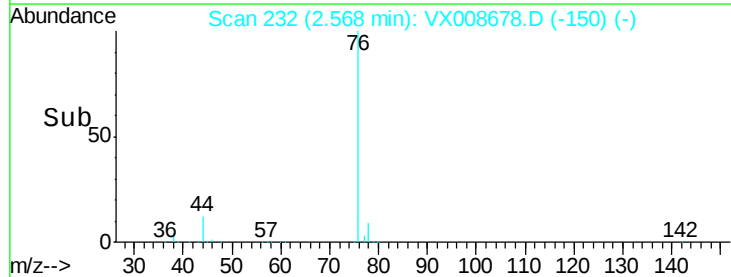
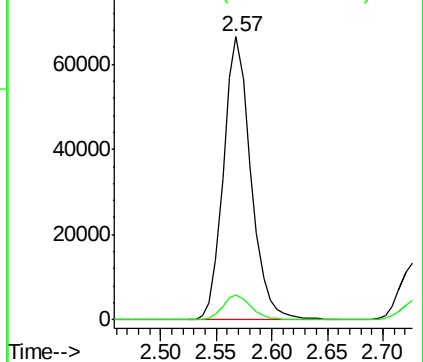
76 100

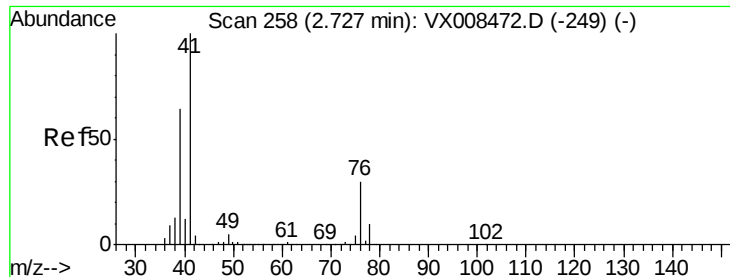
78 8.9 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





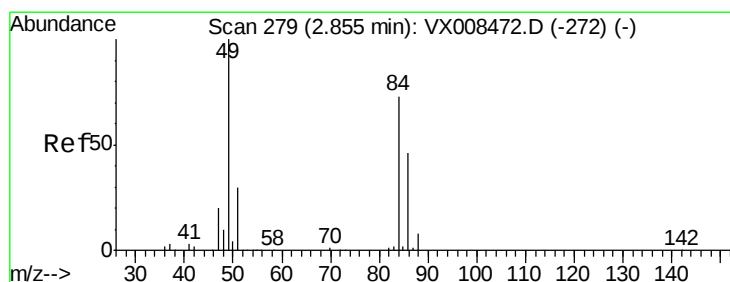
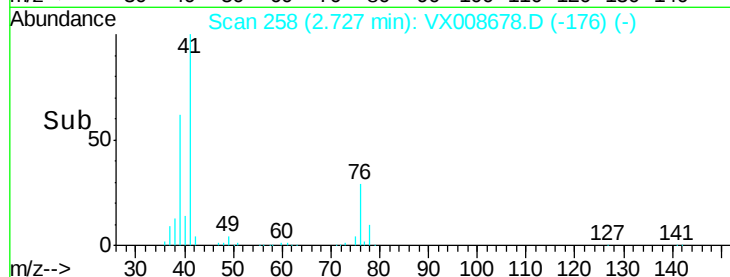
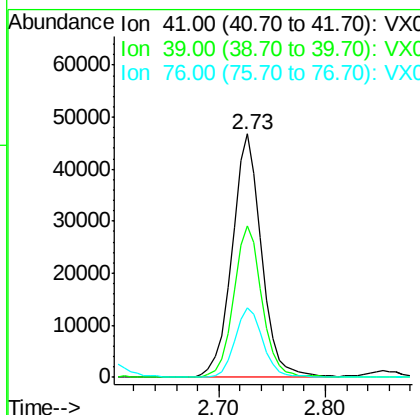
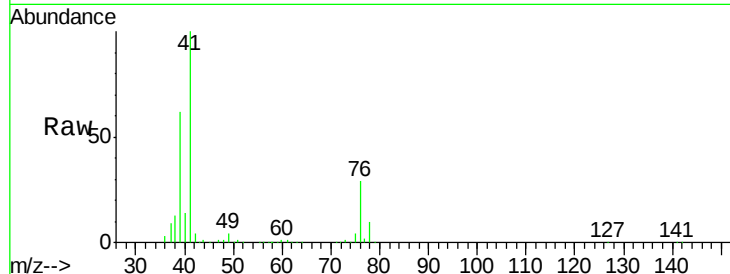
#17
 Allyl chloride
 Concen: 21.085 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.1	35.8	107.4
76	28.5	18.3	54.9

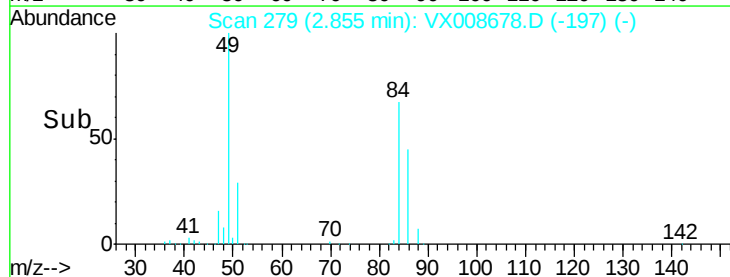
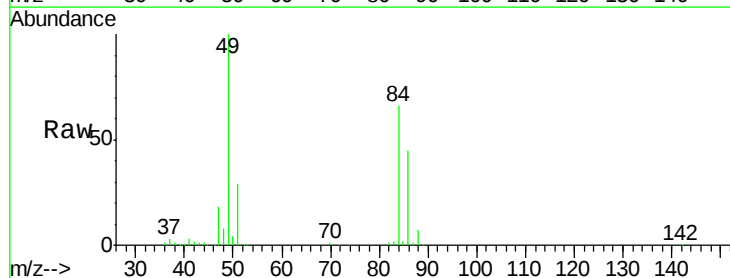
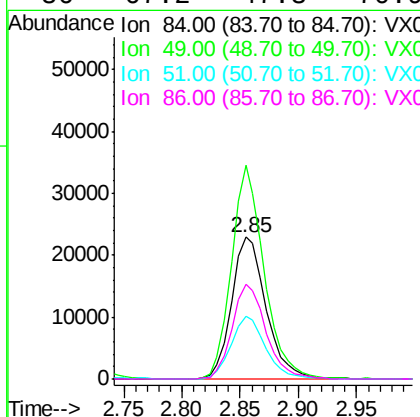
Manual Integrations
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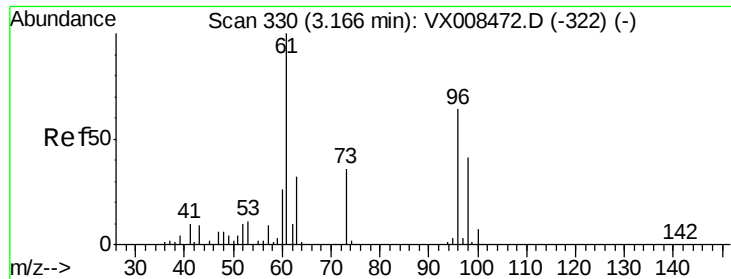
MMDadoda
 4/8/2019 9:49:24 AM



#18
 Methylene Chloride
 Concen: 20.825 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	150.5	96.1	144.1#
51	43.9	29.1	43.7#
86	67.2	47.3	70.9





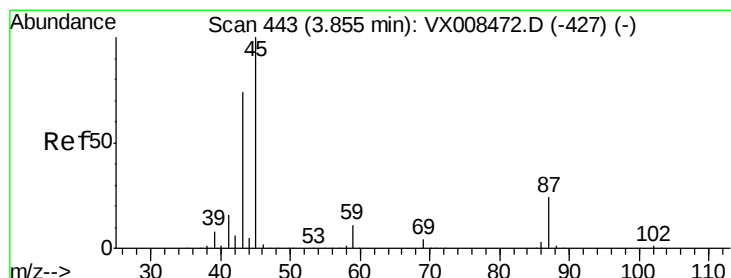
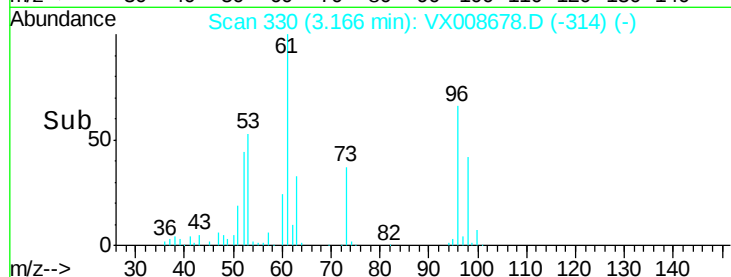
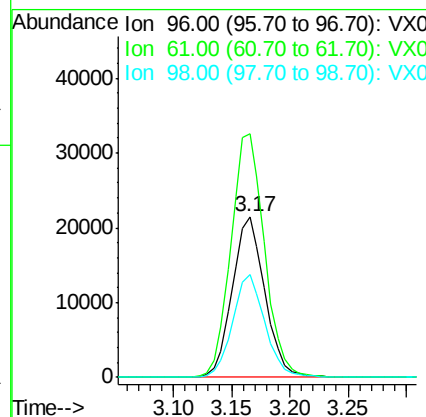
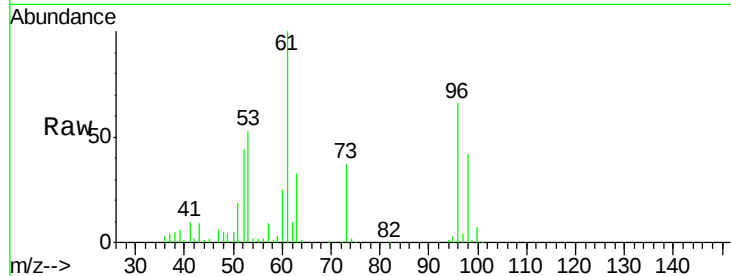
#19
trans-1,2-Dichloroethene
Concen: 20.608 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	109.9	164.9
98	63.9	50.4	75.6

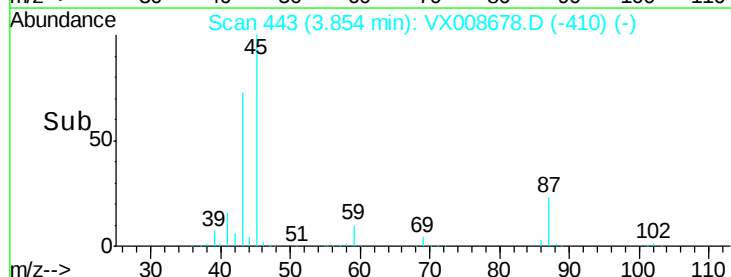
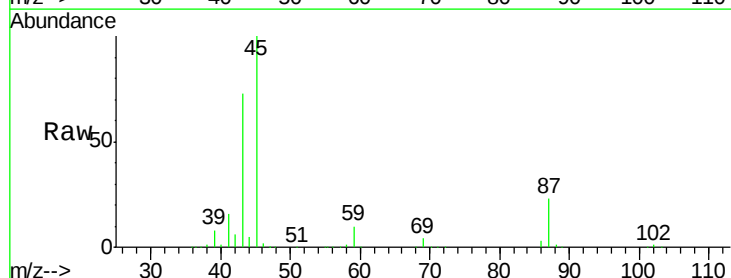
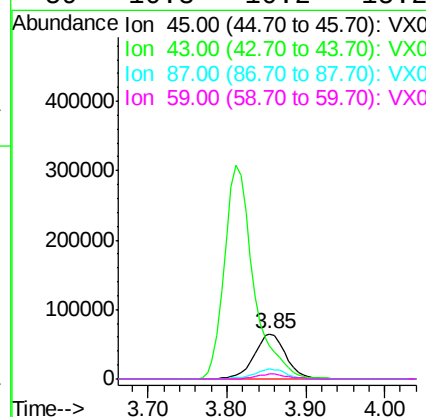
Manual Integrations
APPROVED

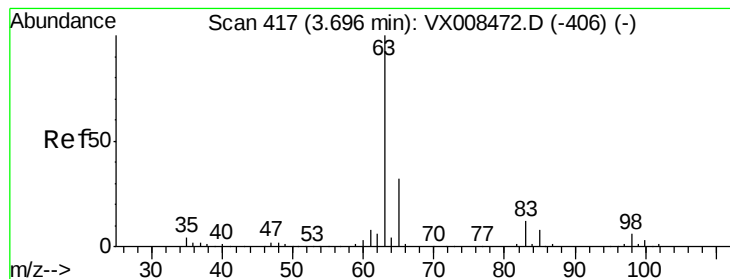
MMDadoda
4/8/2019 9:49:24 AM



#20
Diisopropyl ether
Concen: 21.748 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.4	50.6	76.0
87	22.5	24.5	36.7#
59	10.3	10.2	15.2





#21

1,1-Dichloroethane

Concen: 21.178 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

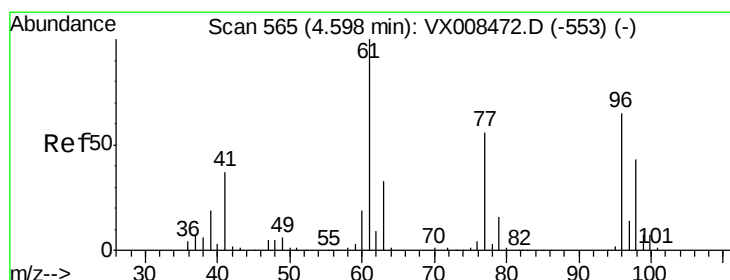
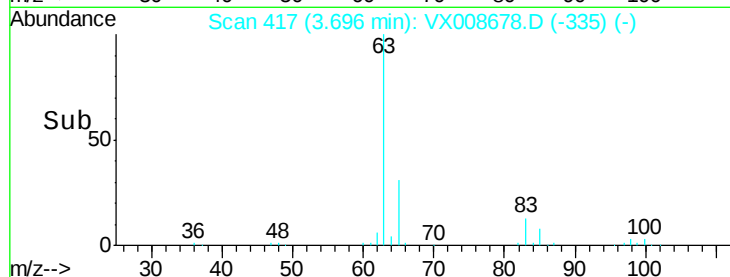
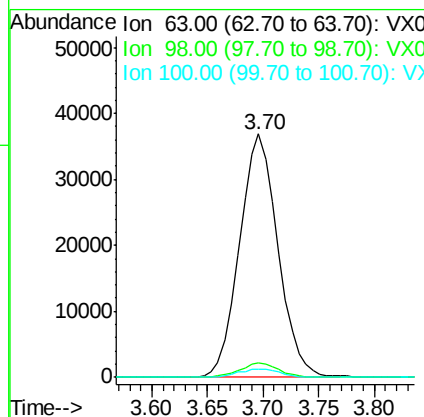
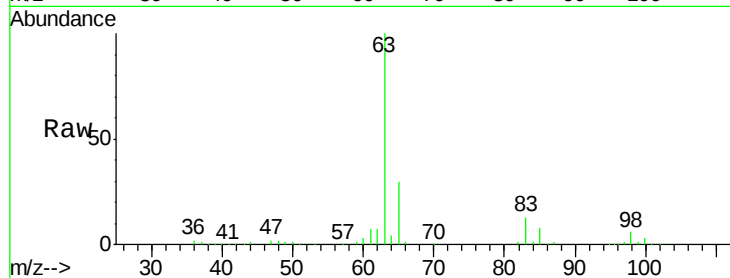
ClientSampleId :

VX0405WBS01

Tgt Ion:	63	Resp:	88257
Ion Ratio	Lower	Upper	
63	100		
98	5.9	3.8	11.4
100	3.5	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.978 ug/l

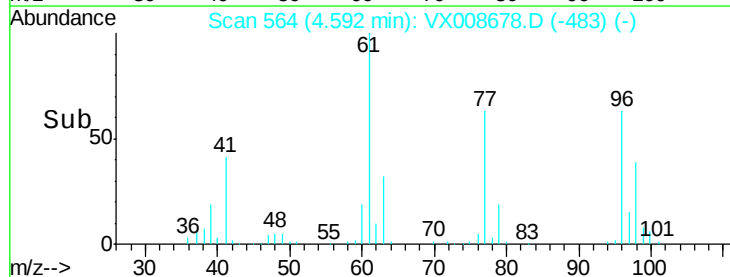
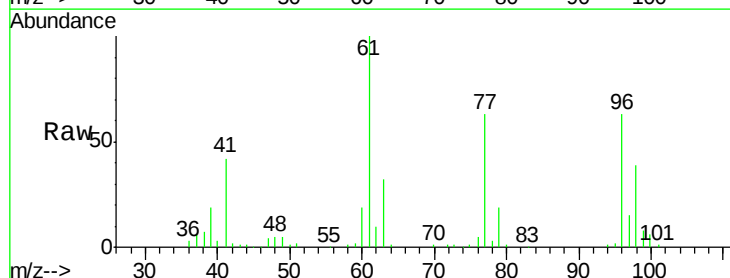
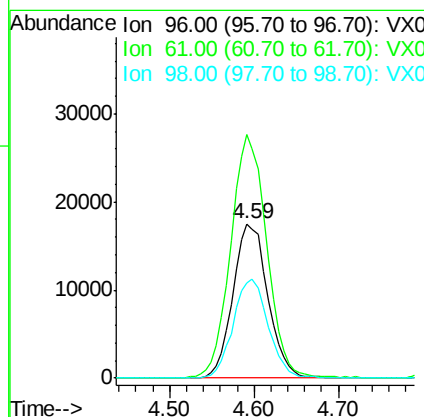
RT: 4.59 min Scan# 564

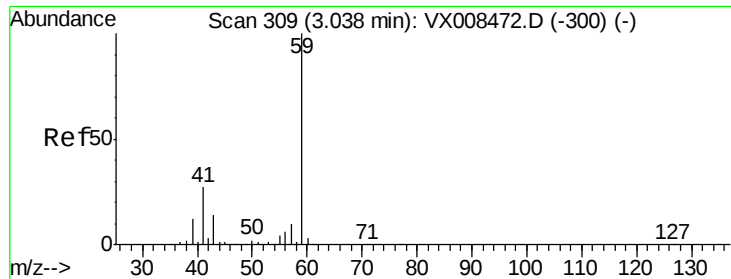
Delta R.T. -0.01 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Tgt Ion:	96	Resp:	49157
Ion Ratio	Lower	Upper	
96	100		
61	163.1	103.5	155.3#
98	64.7	52.1	78.1





#23

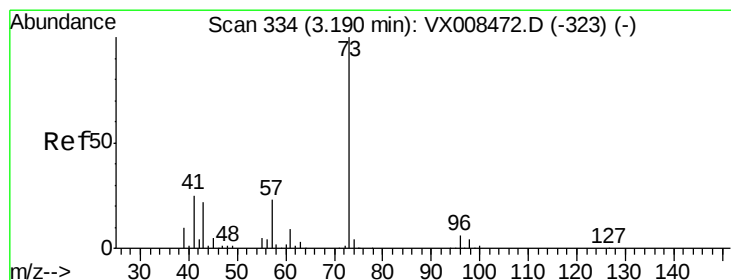
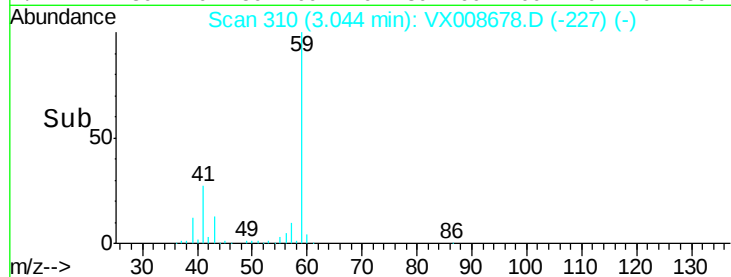
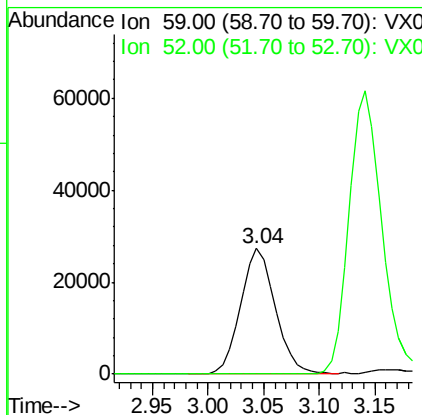
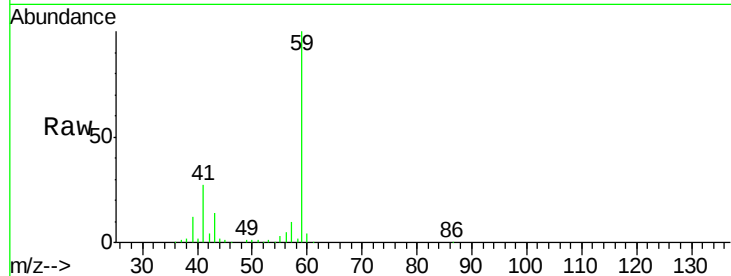
tert-Butyl Alcohol
 Concen: 103.795 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. 0.01 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion: 59 Resp: 59610
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

Manual Integrations
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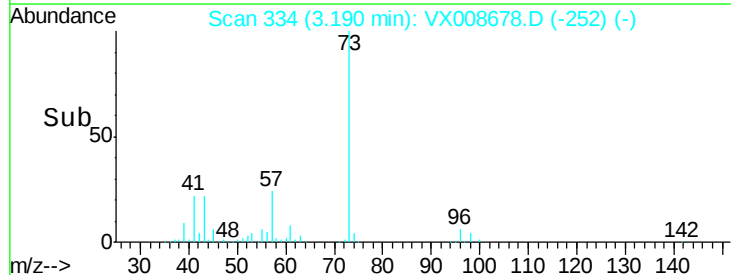
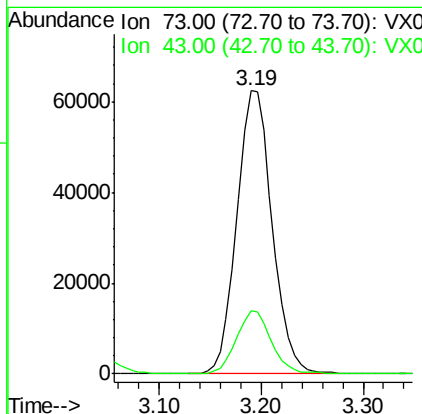
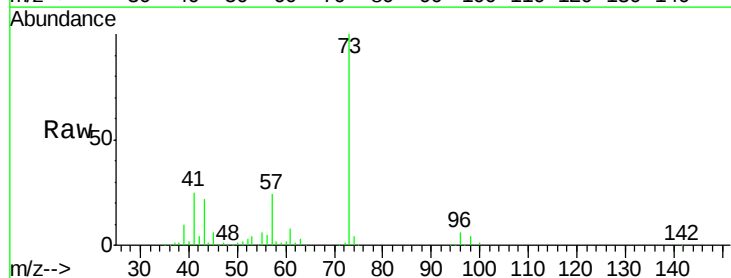
MMDadoda
 4/8/2019 9:49:24 AM

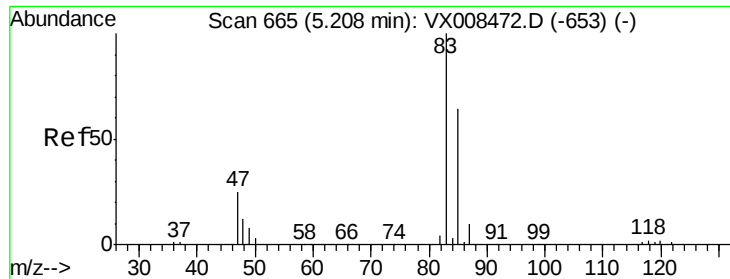


#24

Methyl tert-Butyl Ether
 Concen: 21.515 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion: 73 Resp: 150077
 Ion Ratio Lower Upper
 73 100
 43 21.5 17.1 25.7





#25

Chloroform

Concen: 20.914 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 83 Resp: 78951

Ion Ratio Lower Upper

83 100

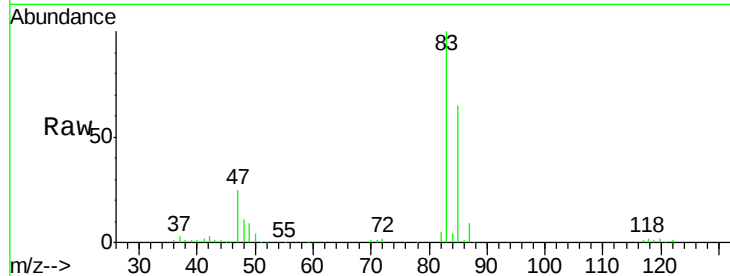
85 65.4 53.8 80.6

Manual Integrations

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.21

30000

25000

20000

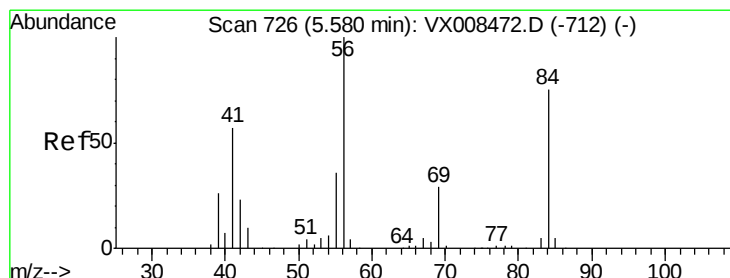
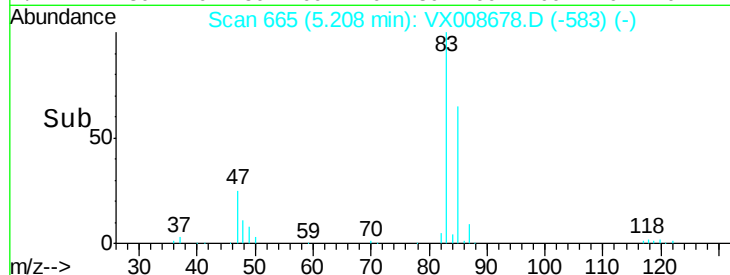
15000

10000

5000

0

Time-->



#26

Cyclohexane

Concen: 20.656 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

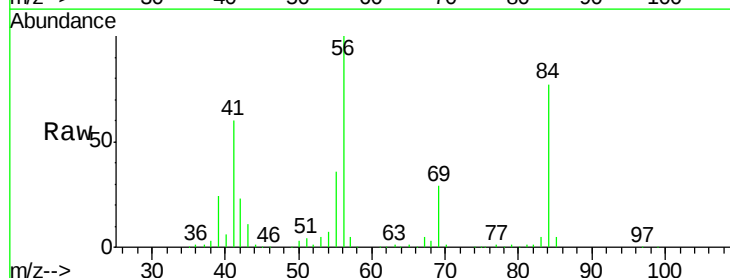
Tgt Ion: 56 Resp: 83629

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 75.8 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

50000

40000

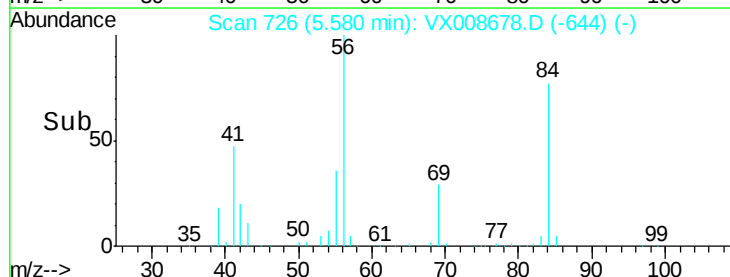
30000

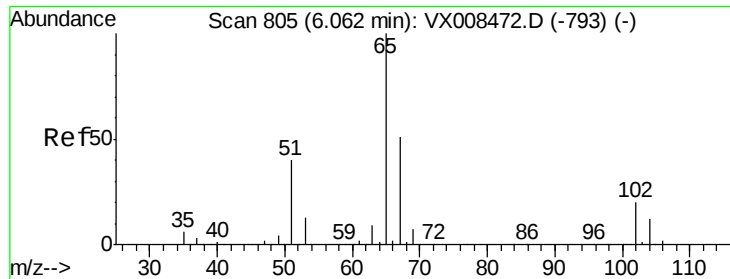
20000

10000

0

Time-->





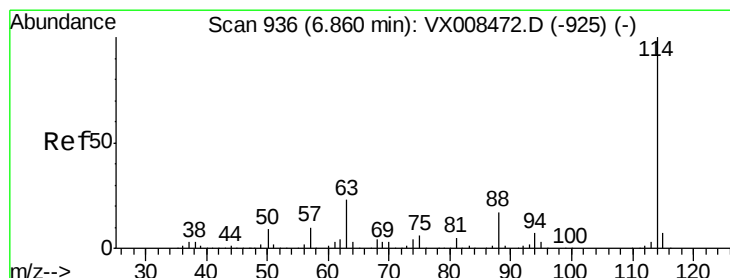
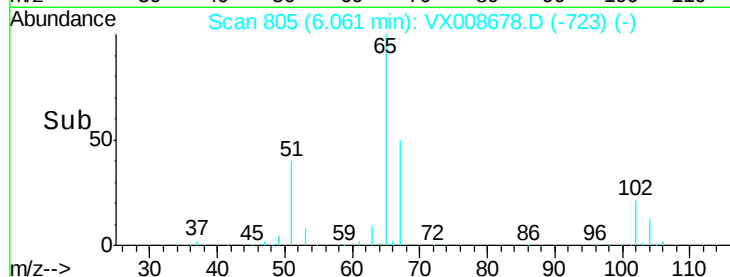
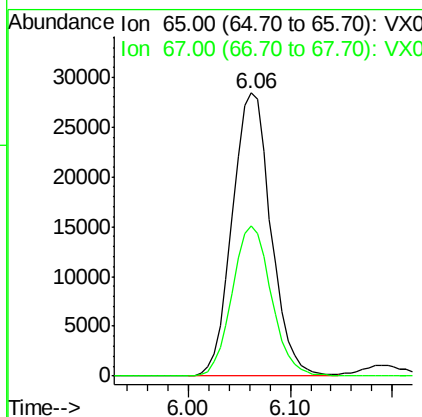
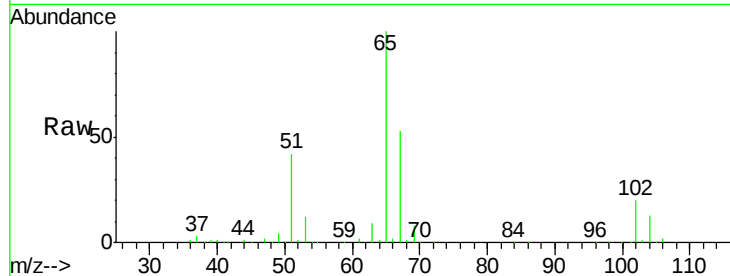
#27
 1,2-Dichloroethane-d4
 Concen: 29.836 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion: 65 Resp: 74808
 Ion Ratio Lower Upper
 65 100
 67 53.8 42.9 64.3

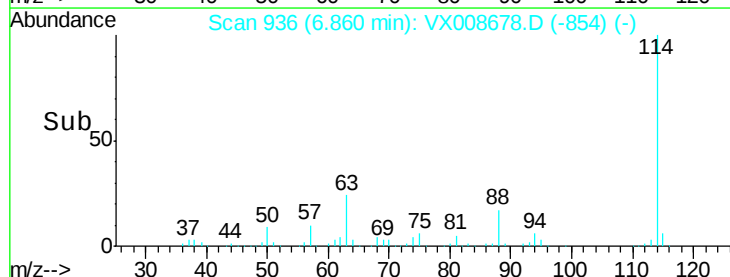
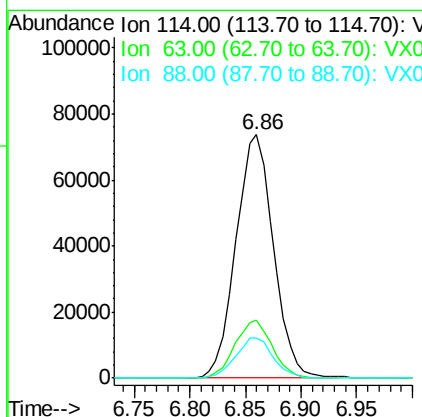
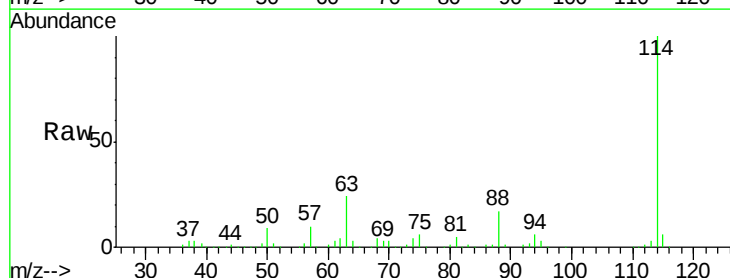
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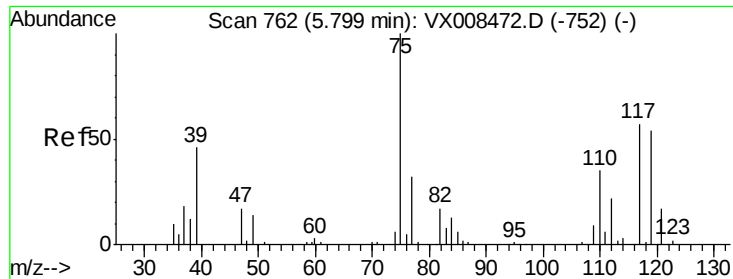
MMDadoda
 4/8/2019 9:49:24 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion: 114 Resp: 172600
 Ion Ratio Lower Upper
 114 100
 63 23.7 14.2 21.4#
 88 16.5 11.9 17.9





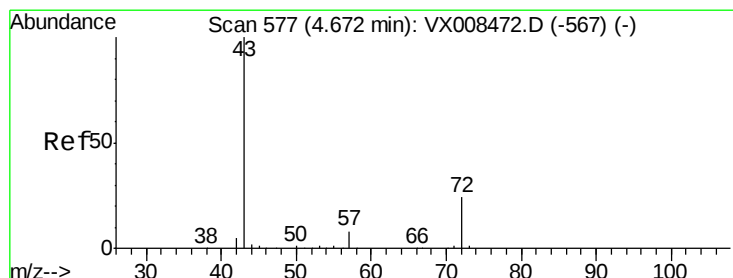
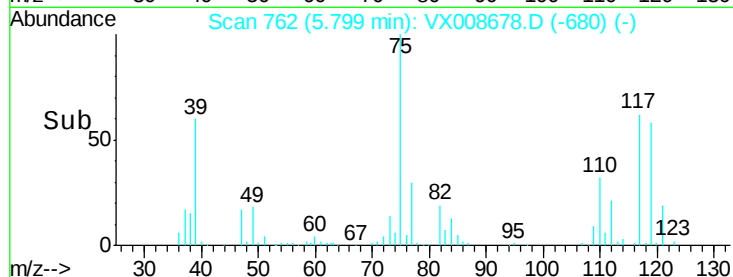
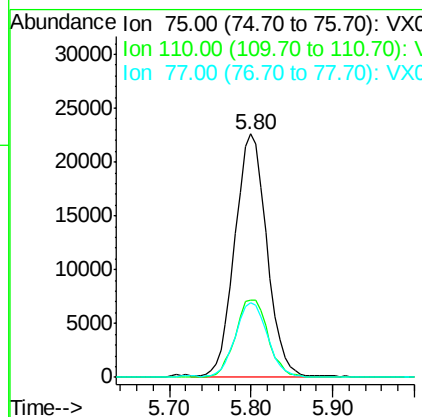
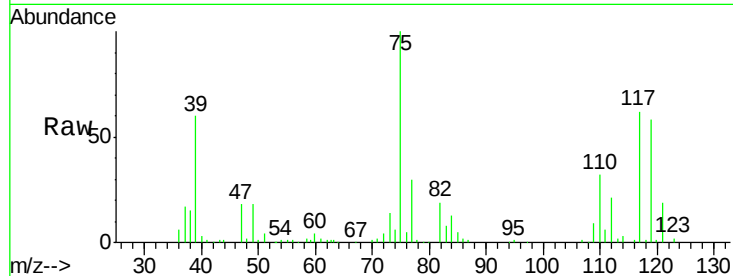
#29
 1,1-Dichloropropene
 Concen: 21.269 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	0.0	80.8
77	31.0	0.0	62.4

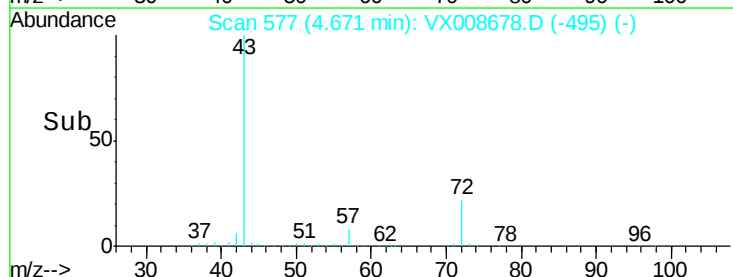
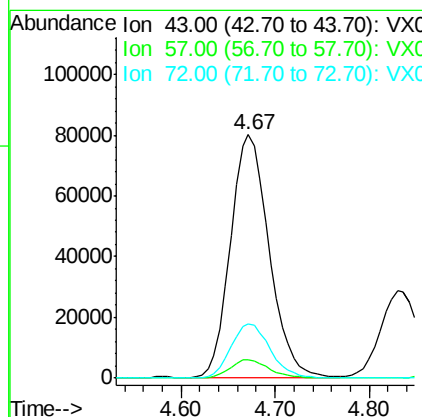
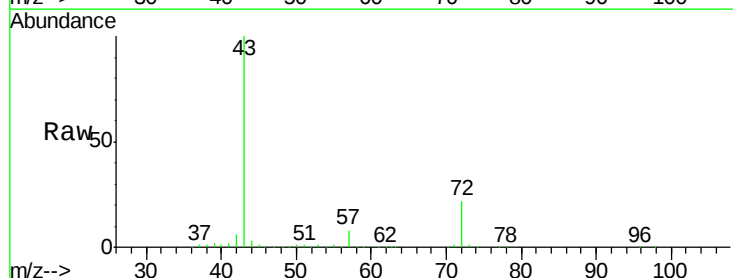
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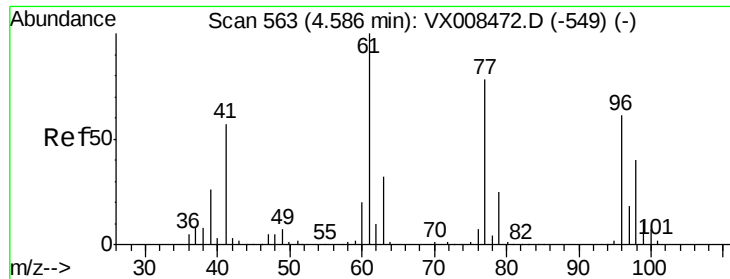
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#30
 2-Butanone
 Concen: 106.806 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	7.0	10.6
72	22.7	21.5	32.3





#31

2,2-Dichloropropane

Concen: 20.974 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 77 Resp: 60828

Ion Ratio Lower Upper

77 100

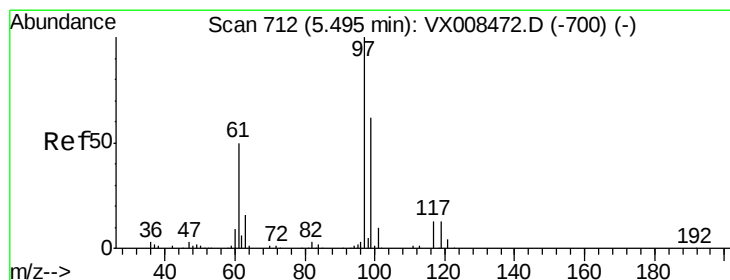
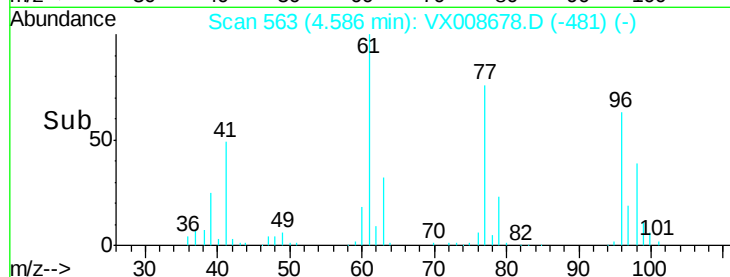
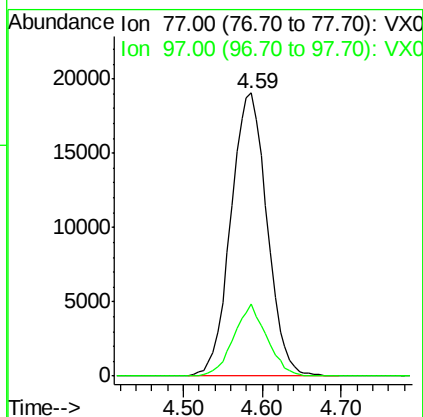
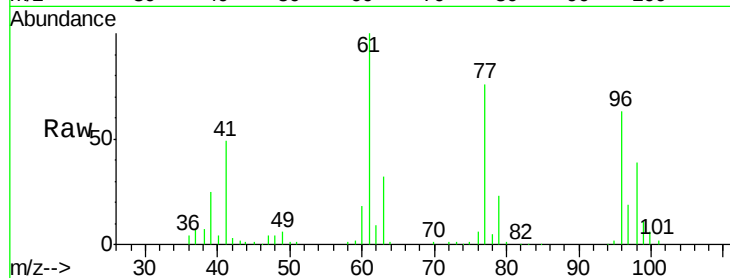
97 23.3 20.6 31.0

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#32

1,1,1-Trichloroethane

Concen: 20.894 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

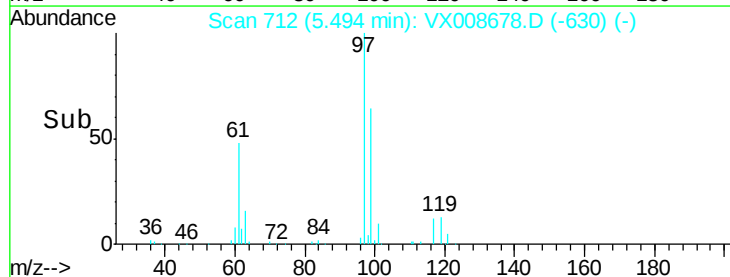
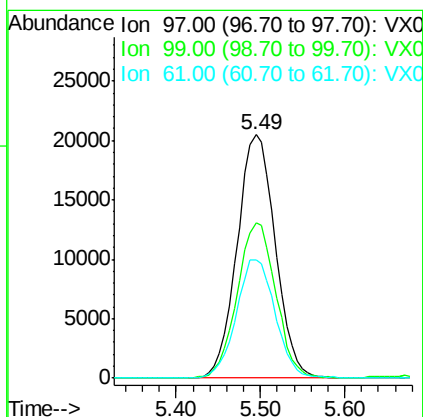
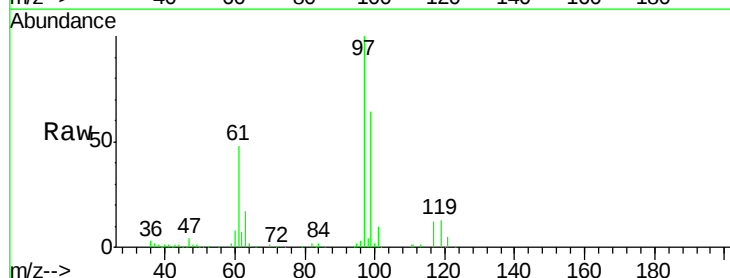
Tgt Ion: 97 Resp: 63004

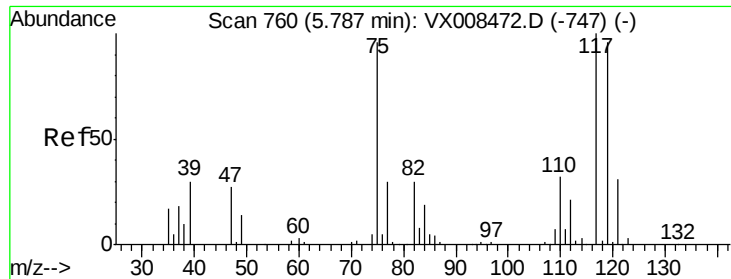
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 49.5 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 20.623 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

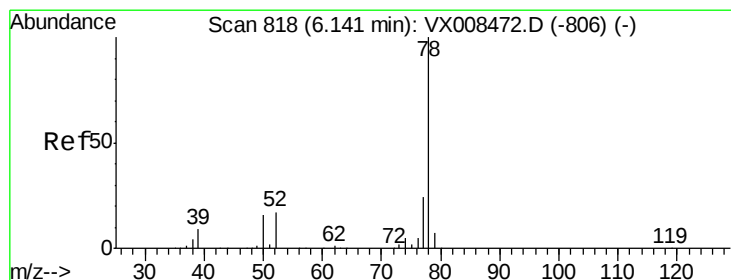
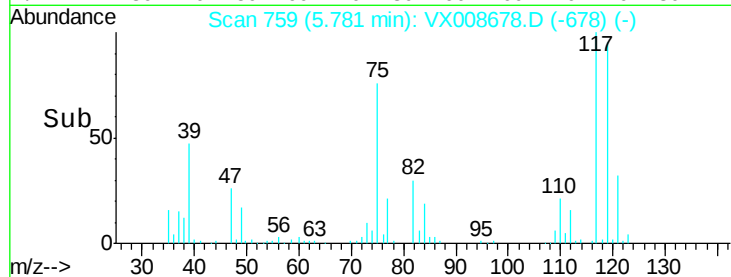
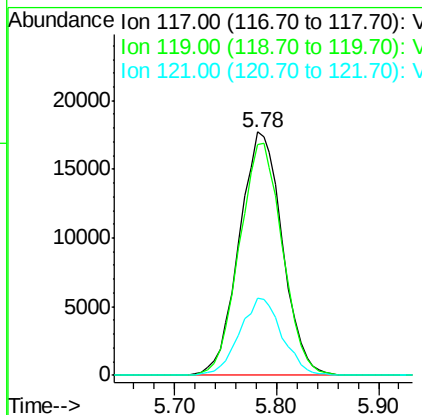
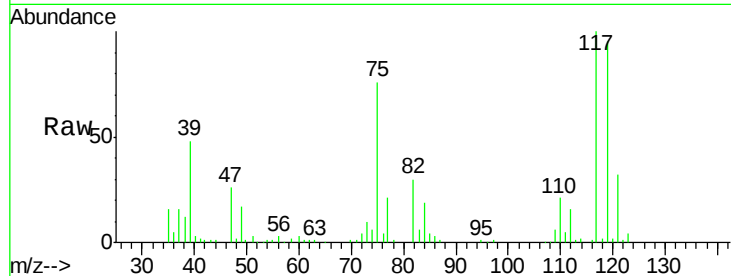
ClientSampleId :

VX0405WBS01

Tgt Ion:	117	Resp:	52029
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.1	117.1
121	31.8	27.0	40.6

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#34

Benzene

Concen: 21.421 ug/l

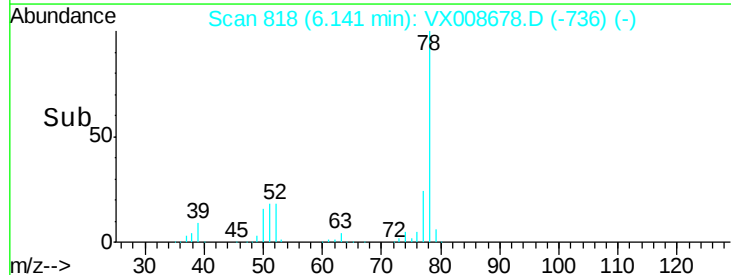
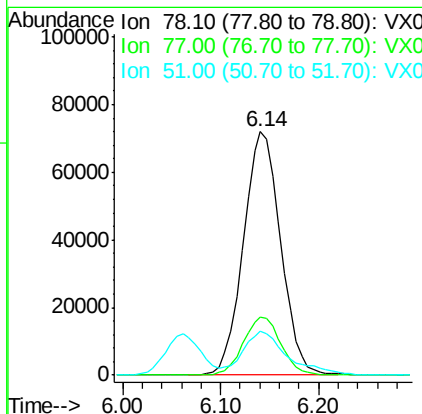
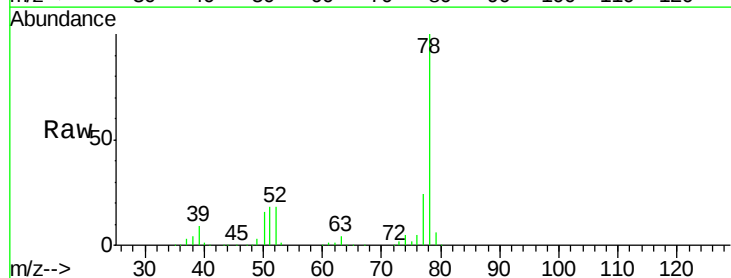
RT: 6.14 min Scan# 818

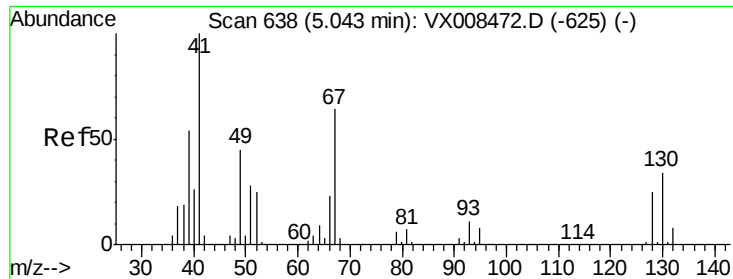
Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Tgt Ion:	78	Resp:	190138
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7
51	16.7	10.8	16.2#





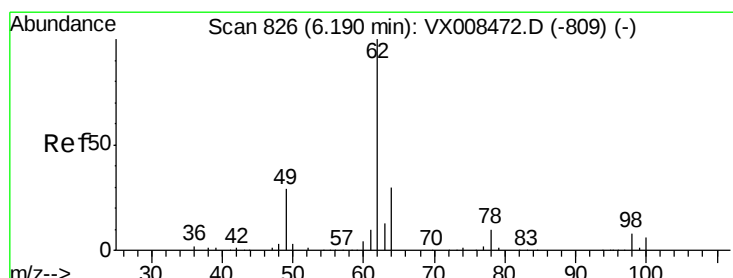
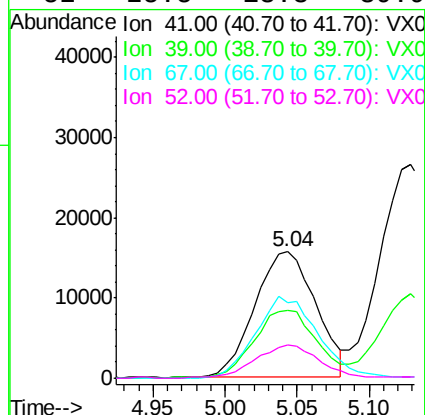
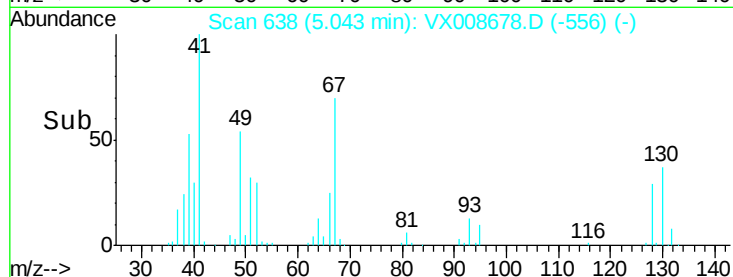
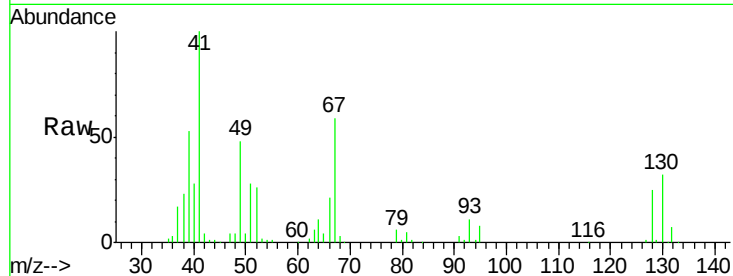
#35
Methacrylonitrile
Concen: 21.234 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	27.4	82.0	
67	59.8	37.9	113.6	
52	25.5	13.3	39.9	

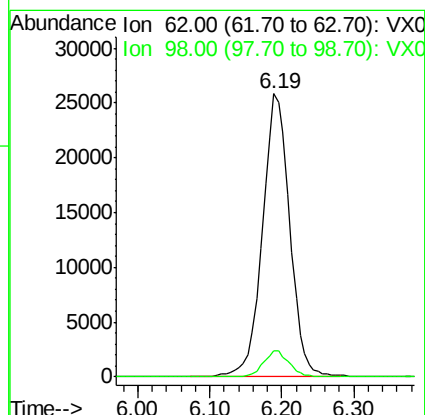
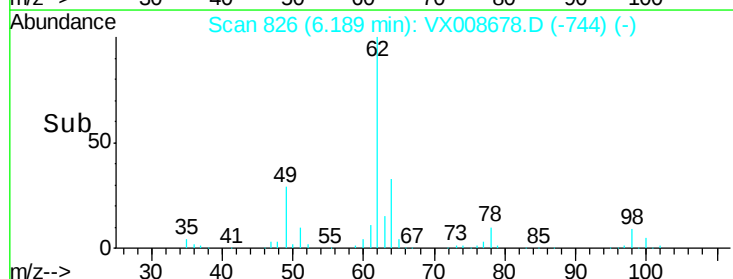
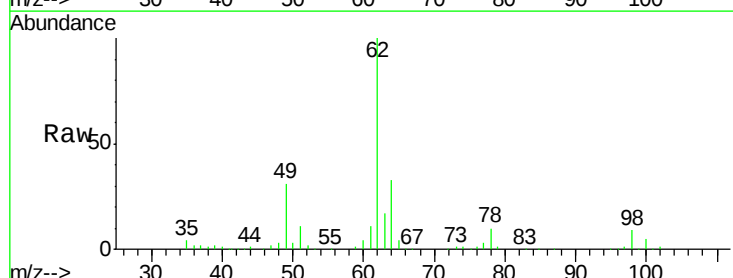
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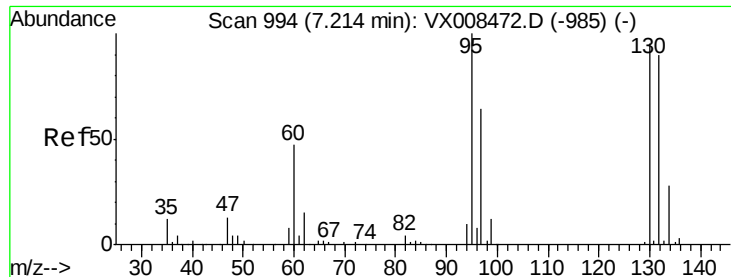
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#36
1,2-Dichloroethane
Concen: 21.562 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	7.8	11.8	





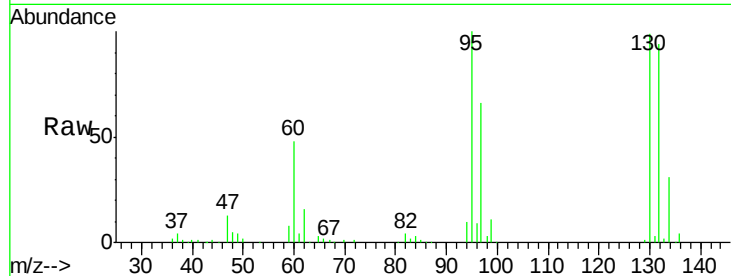
#37
 Trichloroethene
 Concen: 20.940 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

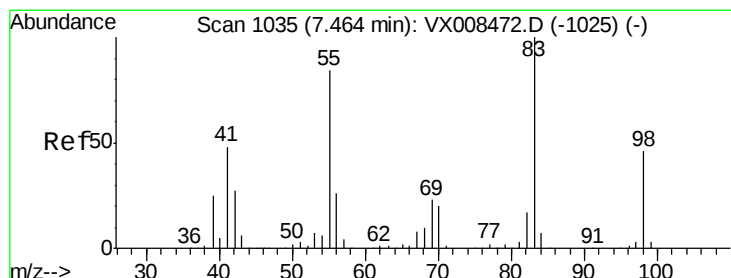
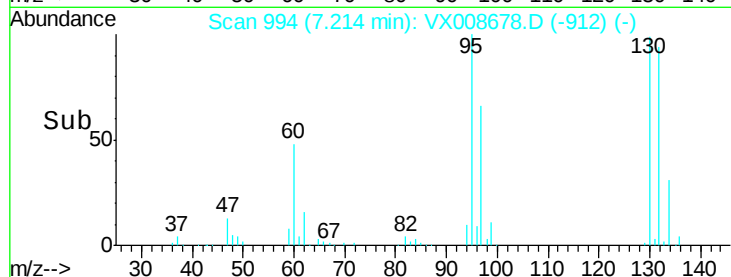
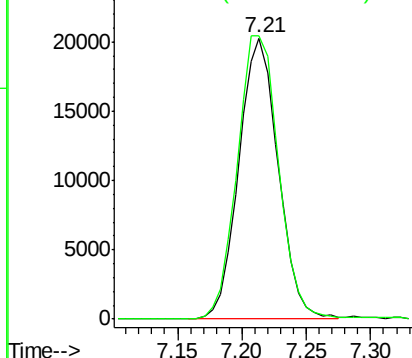
Tgt Ion:130 Resp: 42744
 Ion Ratio Lower Upper
 130 100
 95 100.7 71.3 106.9

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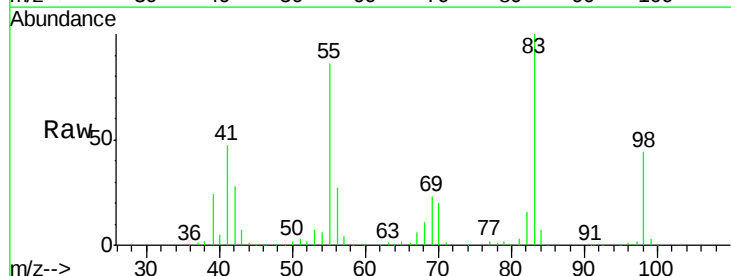


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

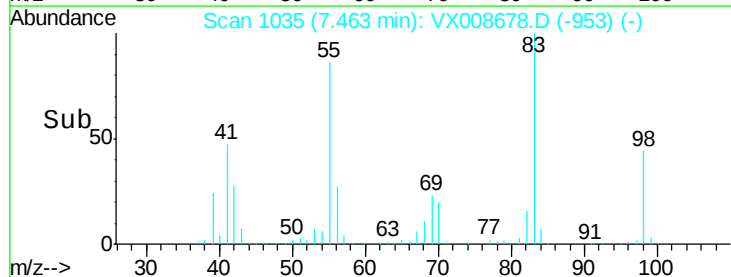
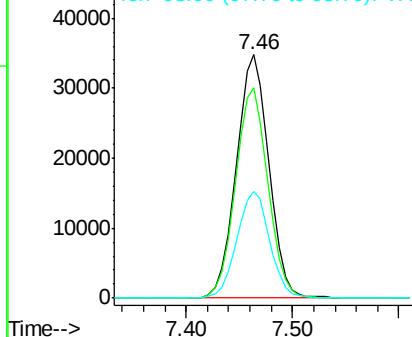


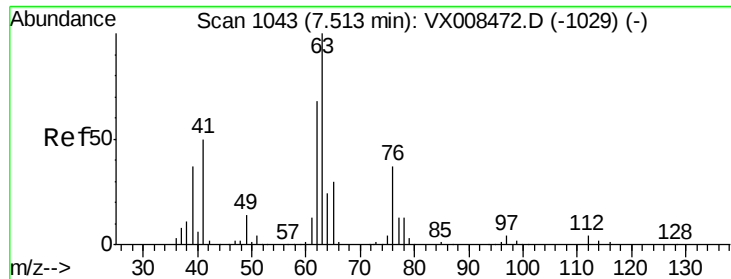
#38
 Methylcyclohexane
 Concen: 20.440 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion: 83 Resp: 74789
 Ion Ratio Lower Upper
 83 100
 55 86.0 36.0 108.0
 98 44.1 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





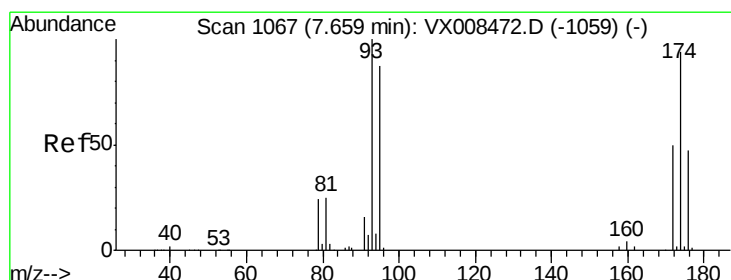
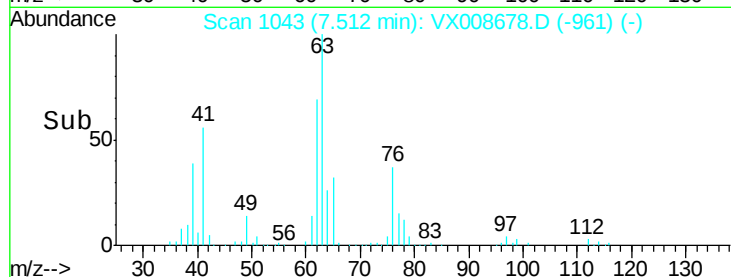
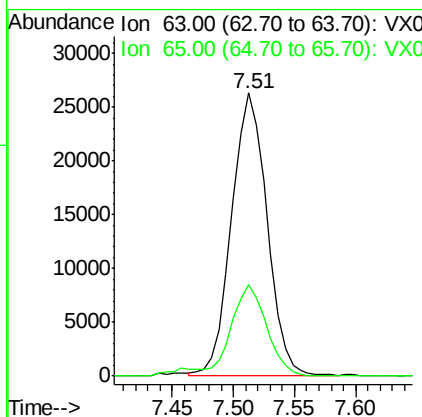
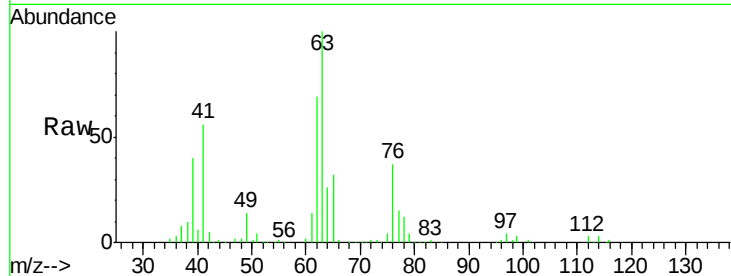
#39
 1,2-Dichloropropane
 Concen: 21.098 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion: 63 Resp: 53116
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.6 37.0

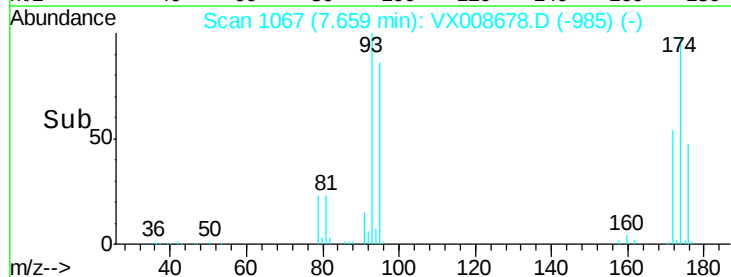
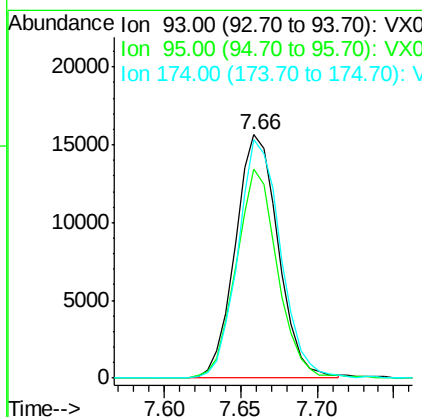
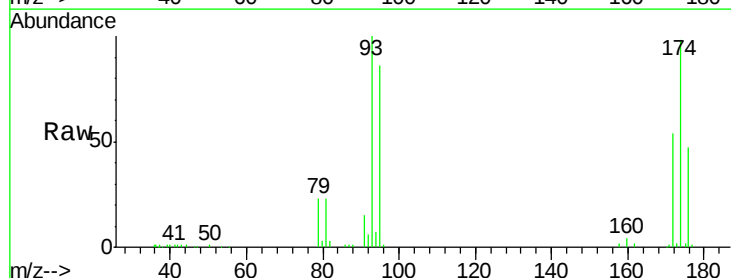
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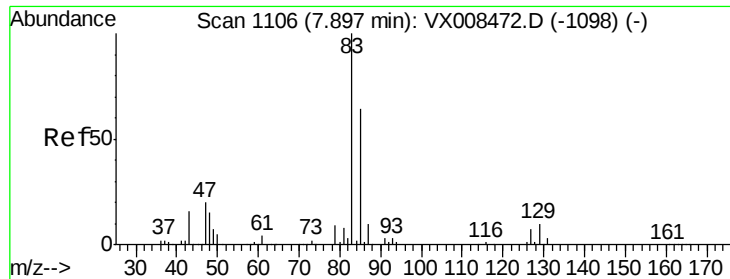
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#40
 Dibromomethane
 Concen: 20.946 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion: 93 Resp: 30547
 Ion Ratio Lower Upper
 93 100
 95 82.0 0.0 158.8
 174 97.2 0.0 224.2





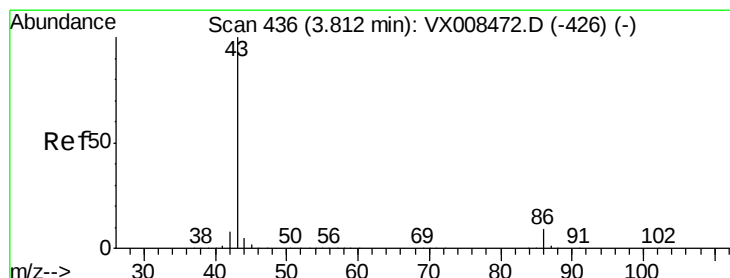
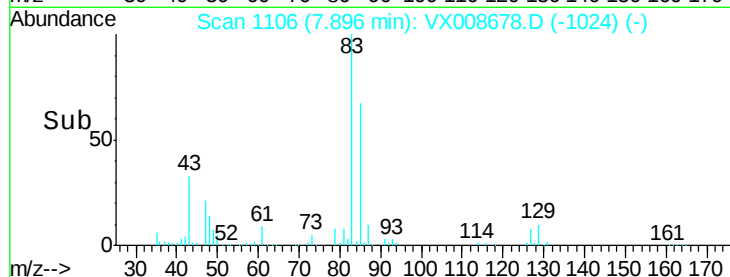
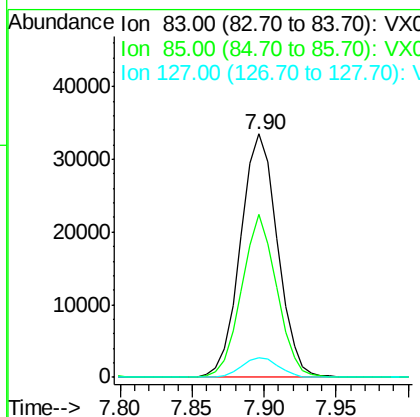
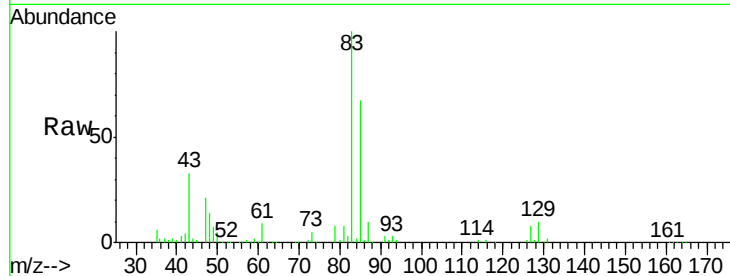
#41
Bromodichloromethane
Concen: 20.849 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	51.1	76.7
127	8.0	7.2	10.8

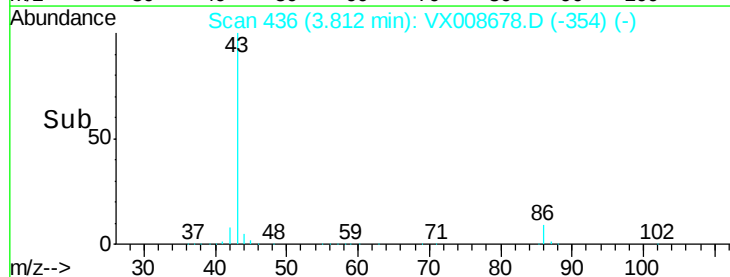
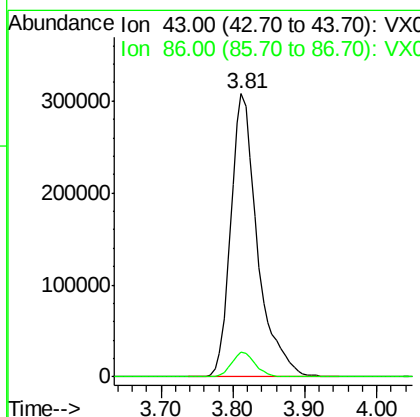
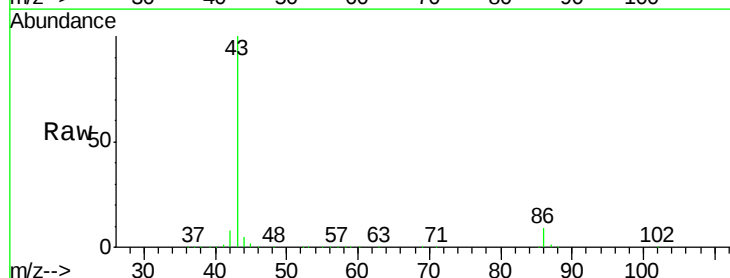
Manual Integrations
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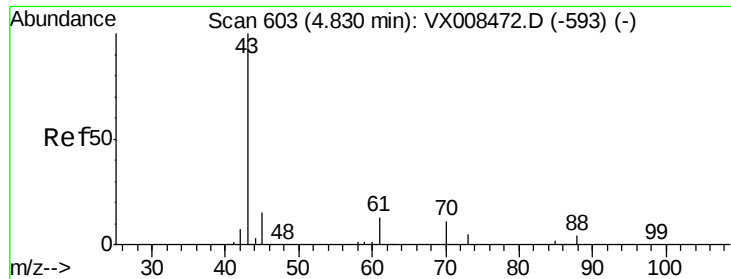
MMDadoda
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#42
Vinyl Acetate
Concen: 109.761 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.7	8.2	12.2#





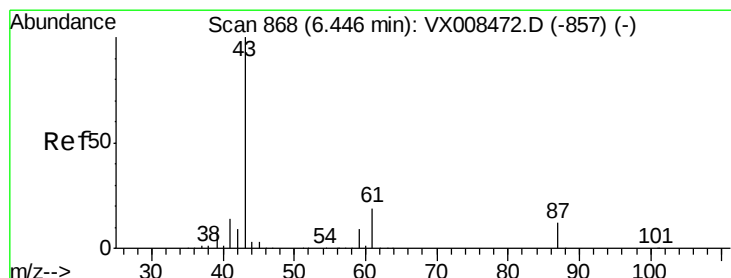
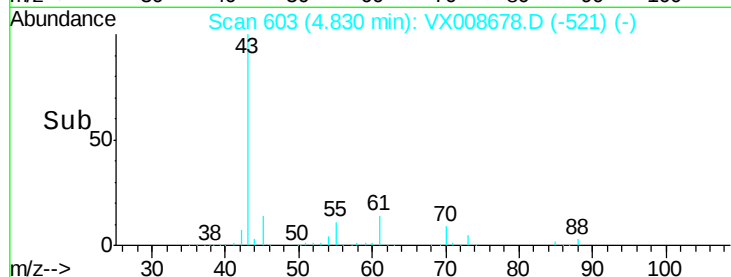
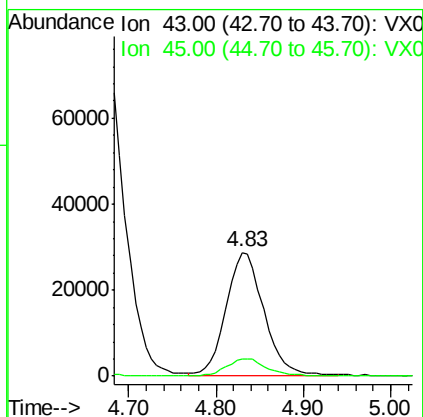
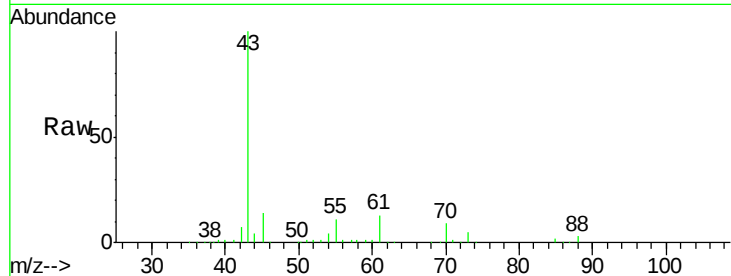
#43
Ethyl Acetate
Concen: 22.417 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion: 43 Resp: 86151
Ion Ratio Lower Upper
43 100
45 15.5 6.9 10.3#

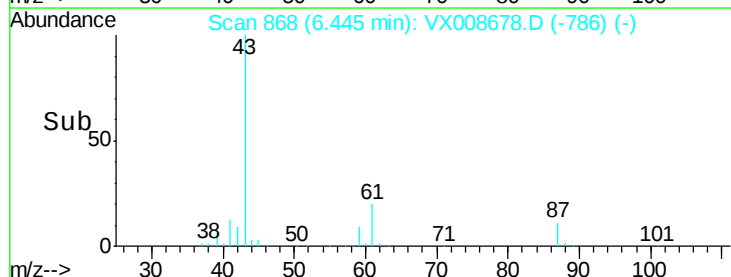
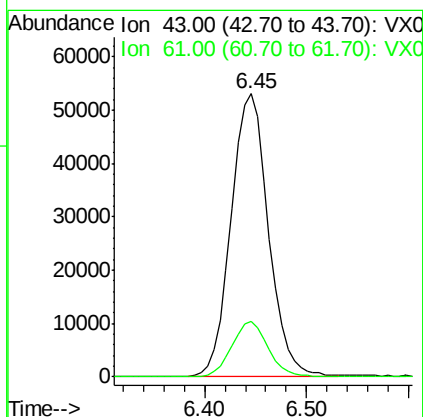
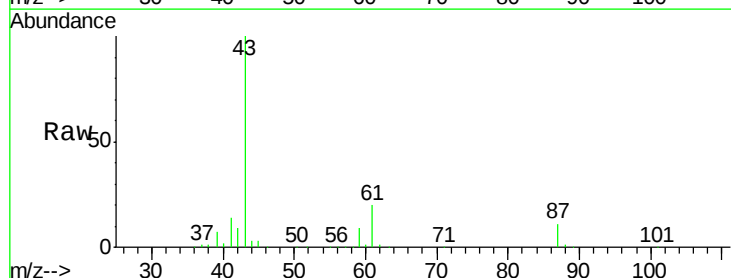
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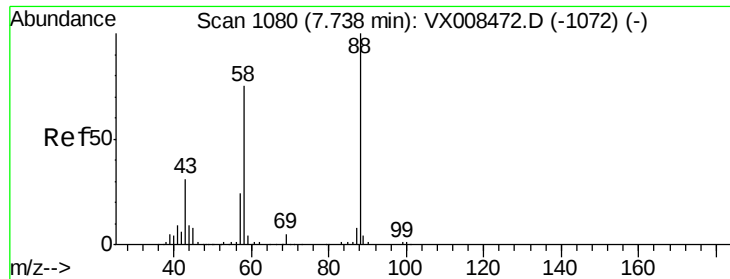
MMDadoda
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#44
Isopropyl Acetate
Concen: 21.600 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion: 43 Resp: 134227
Ion Ratio Lower Upper
43 100
61 19.3 16.1 24.1





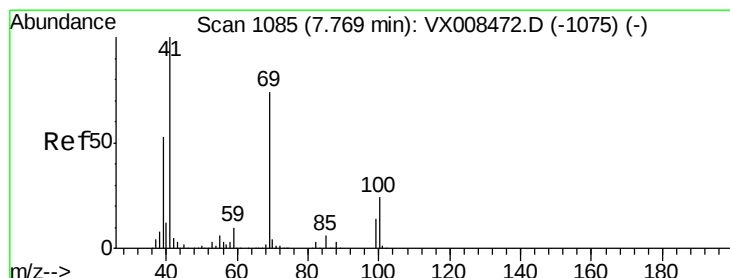
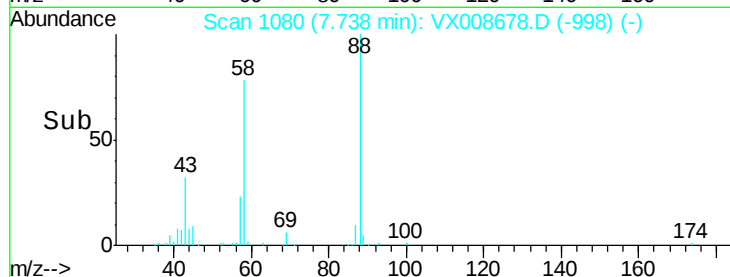
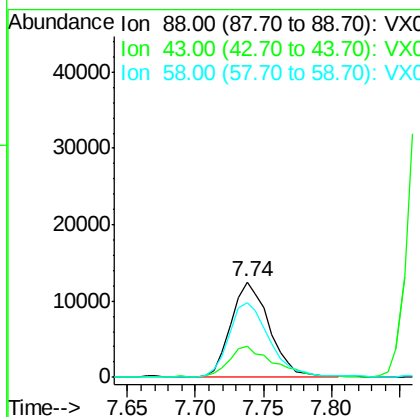
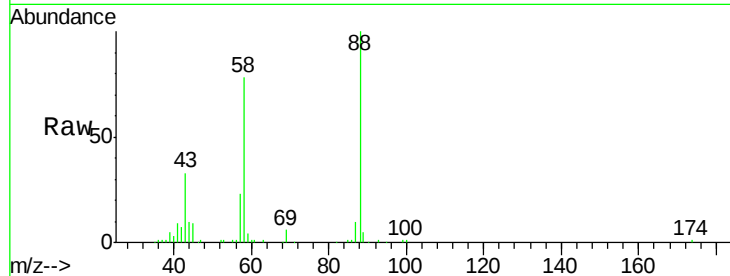
#45
 1,4-Dioxane
 Concen: 398.771 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.6	23.6	35.4#
58	81.7	51.6	77.4#

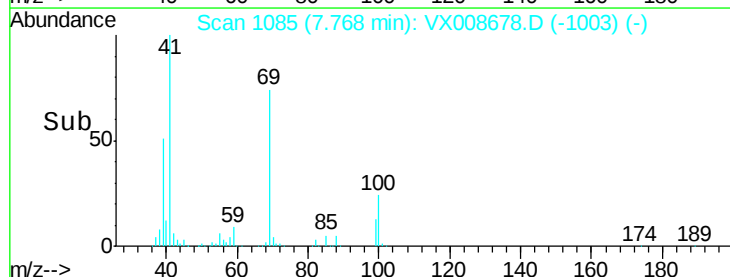
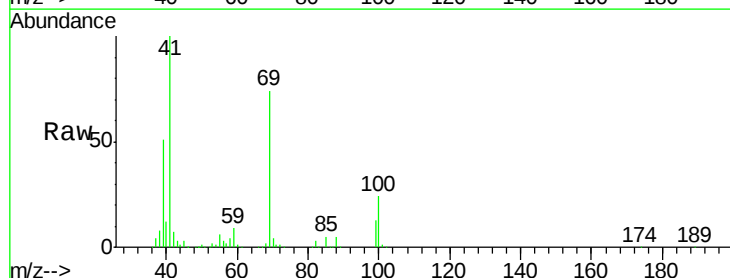
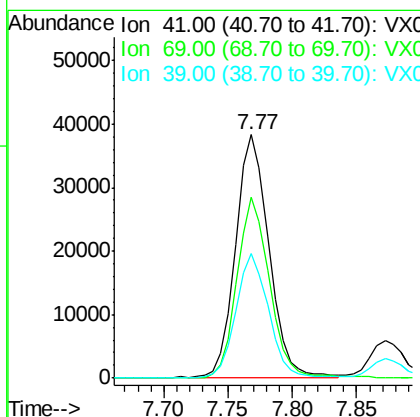
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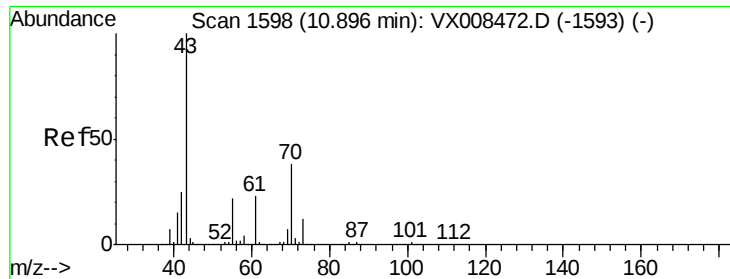
MMDadoda
 4/8/2019 9:49:24 AM



#46
 Methyl methacrylate
 Concen: 21.652 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.4	44.2	132.6
39	51.1	29.9	89.8





#47

n-amy1 Acetate

Concen: 21.532 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 43 Resp: 121544

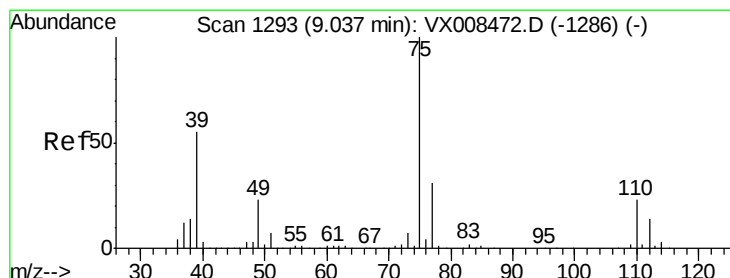
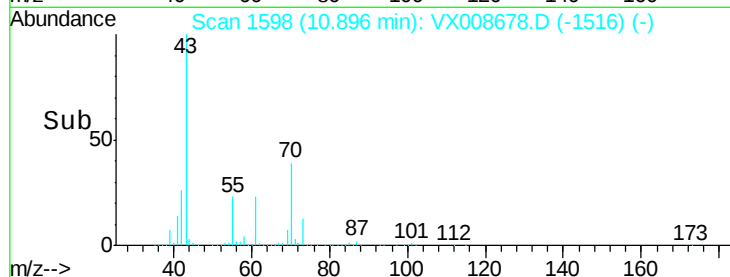
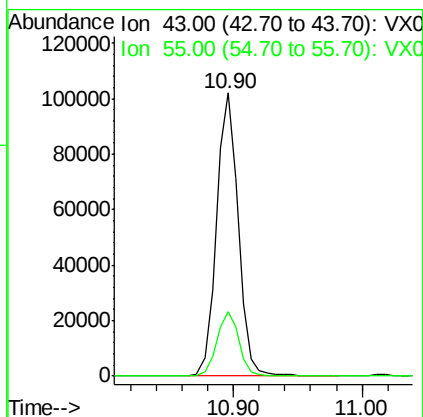
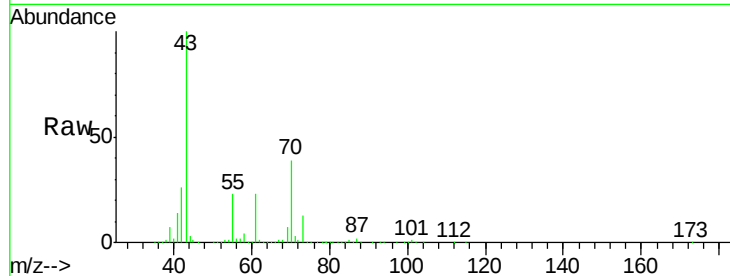
Ion Ratio Lower Upper

43 100

55 23.1 20.8 31.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 19.954 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008678.D

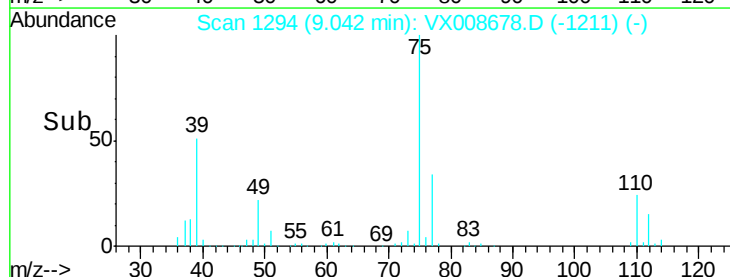
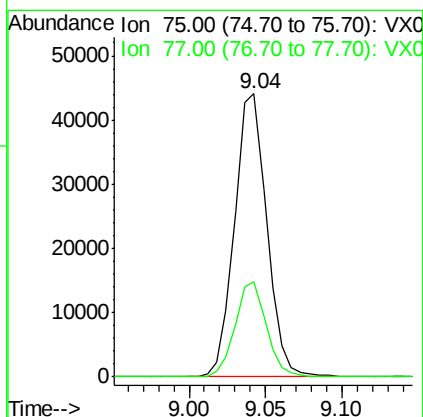
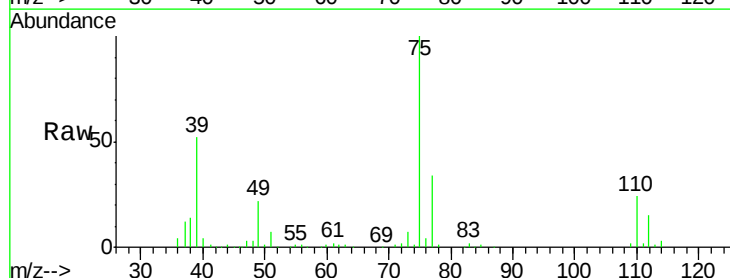
Acq: 05 Apr 2019 12:35

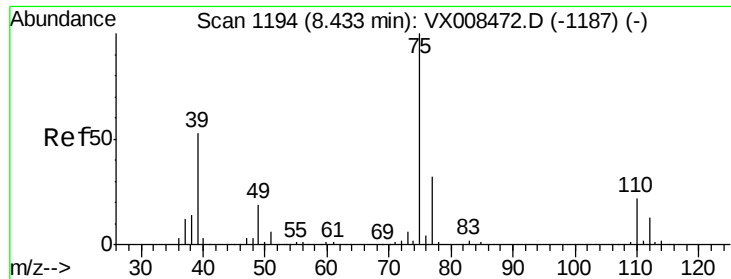
Tgt Ion: 75 Resp: 64629

Ion Ratio Lower Upper

75 100

77 33.6 24.5 36.7





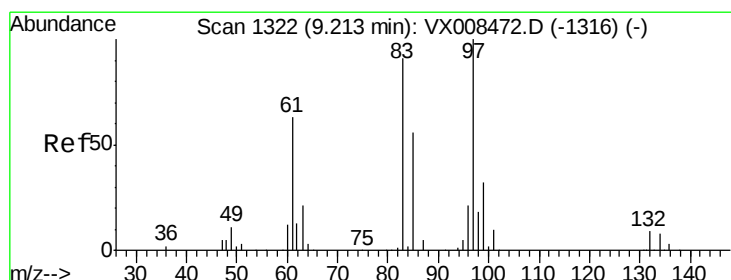
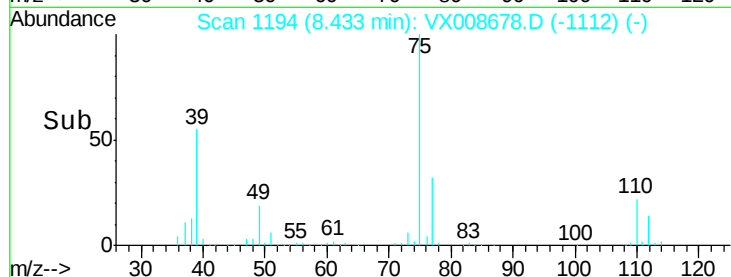
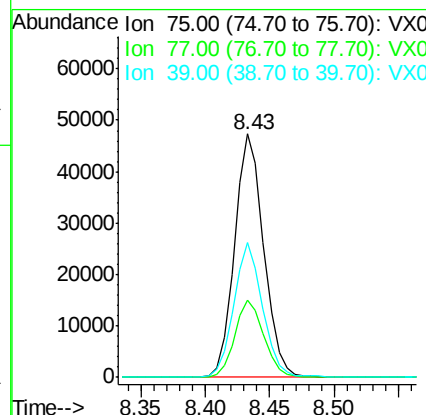
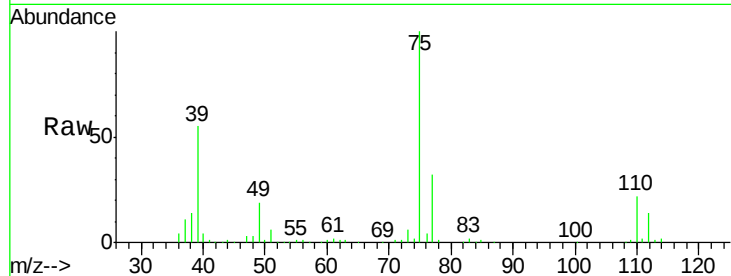
#49
 cis-1,3-Dichloropropene
 Concen: 20.596 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.0	37.4
39	54.9	38.5	57.7

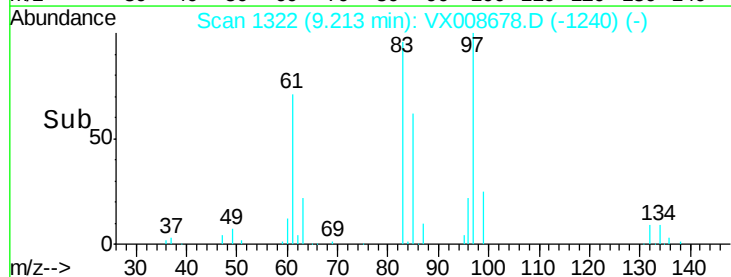
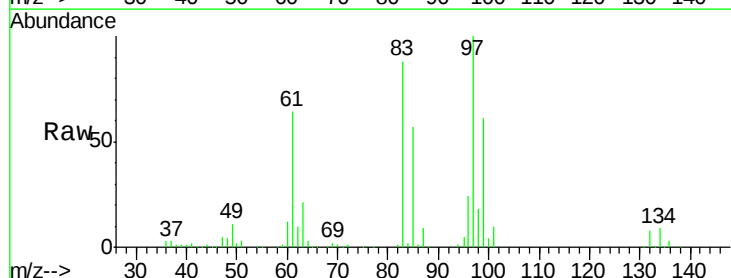
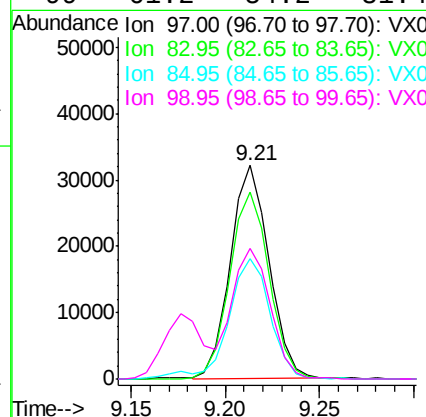
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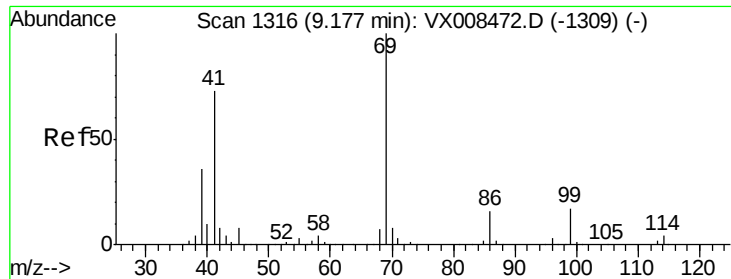
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#50
 1,1,2-Trichloroethane
 Concen: 21.172 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	72.0	108.0
85	56.3	45.0	67.6
99	61.2	54.2	81.4





#51

Ethyl methacrylate

Concen: 21.152 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

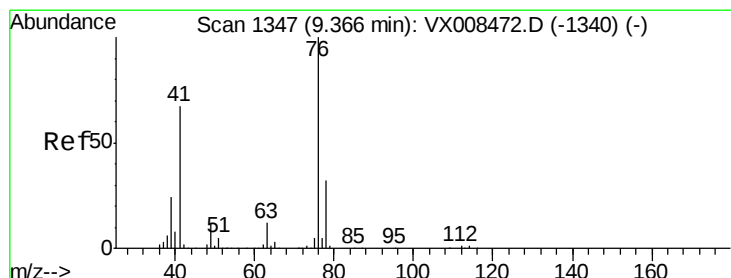
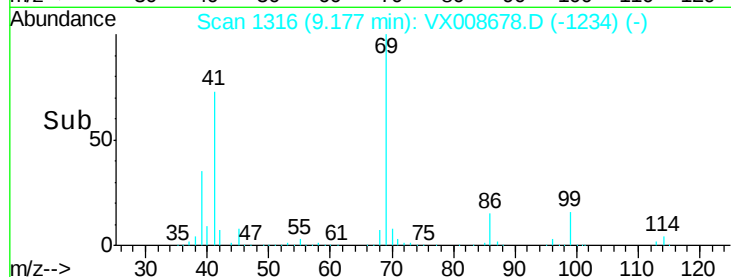
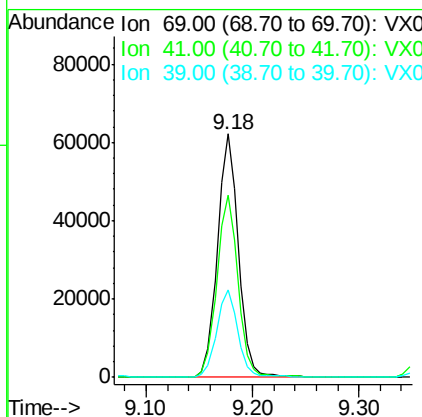
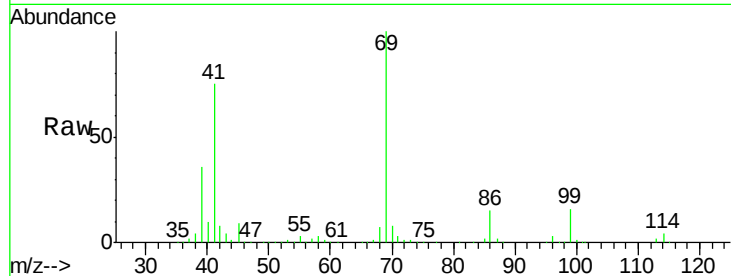
ClientSampleId :

VX0405WBS01

Tgt Ion:	69	Resp:	85236
Ion Ratio	Lower	Upper	
69	100		
41	74.6	32.1	96.5
39	35.8	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.411 ug/l

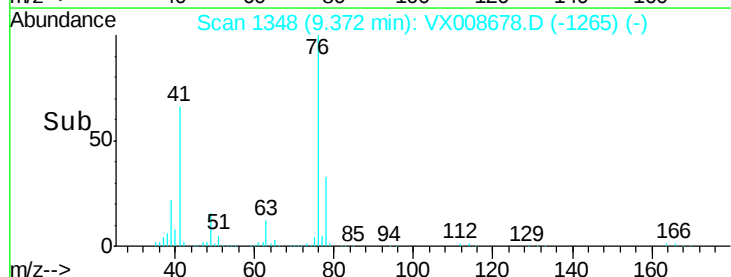
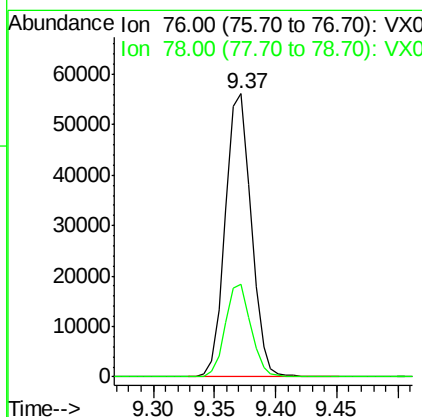
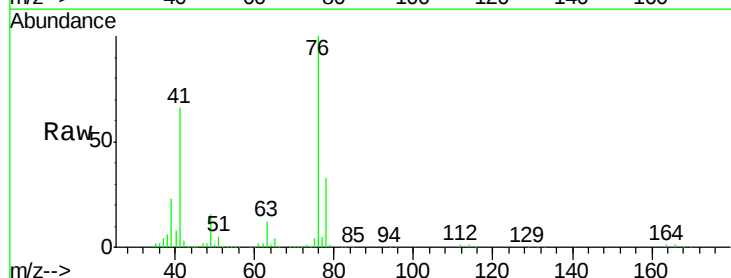
RT: 9.37 min Scan# 1348

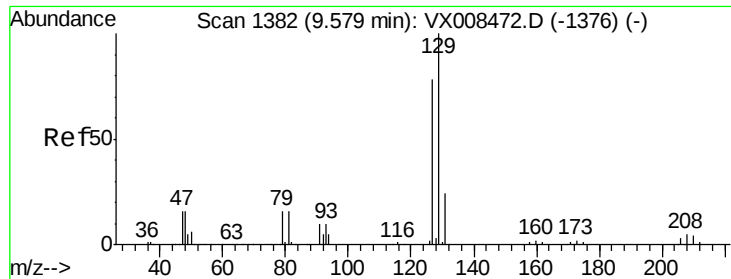
Delta R.T. 0.01 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Tgt Ion:	76	Resp:	82486
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	65.2





#53

Dibromochloromethane

Concen: 20.128 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion:129 Resp: 42892

Ion Ratio Lower Upper

129 100

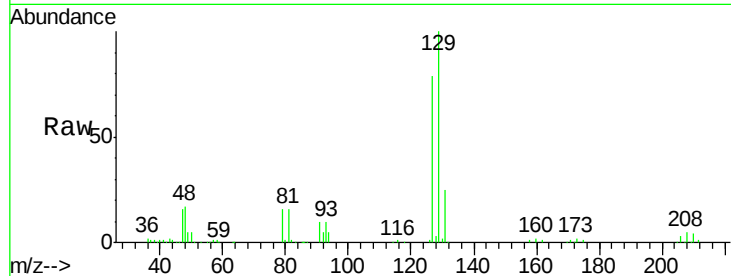
127 76.8 38.4 115.2

Manual Integrations

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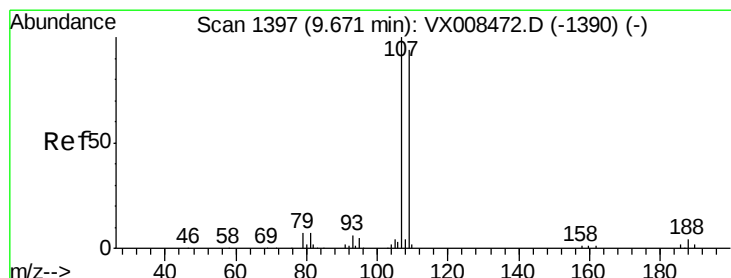
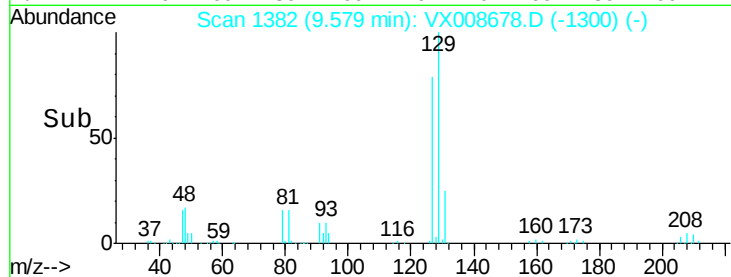
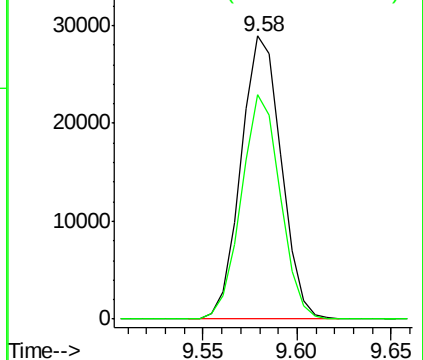
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.967 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008678.D

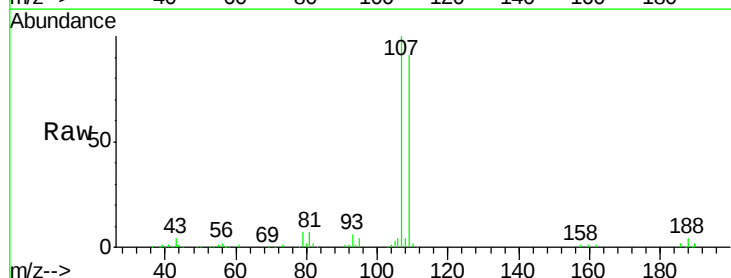
Acq: 05 Apr 2019 12:35

Tgt Ion:107 Resp: 46805

Ion Ratio Lower Upper

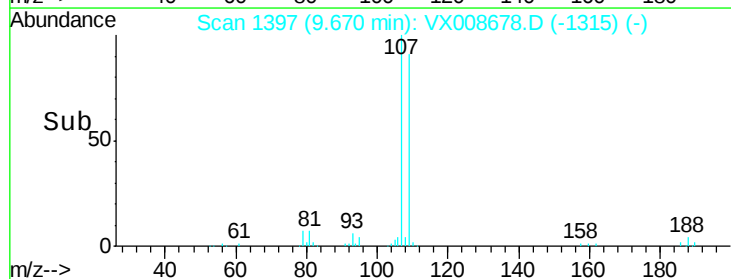
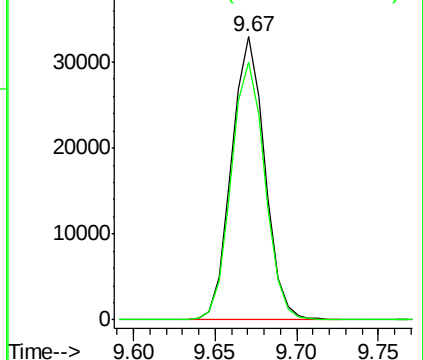
107 100

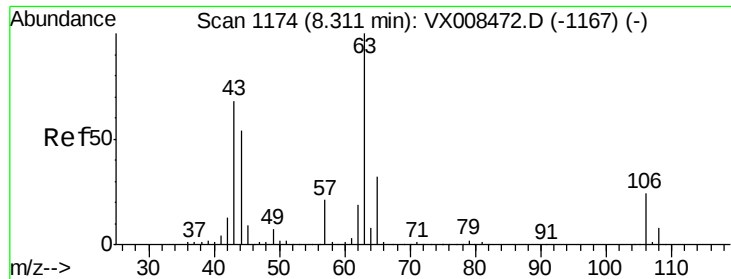
109 92.5 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





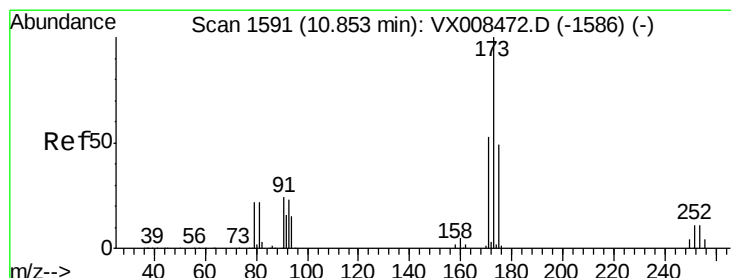
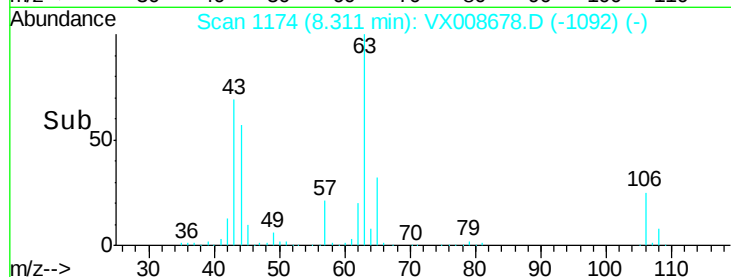
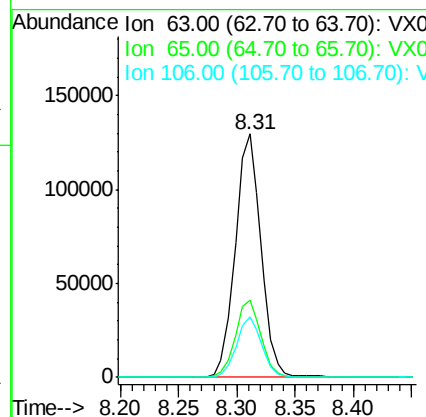
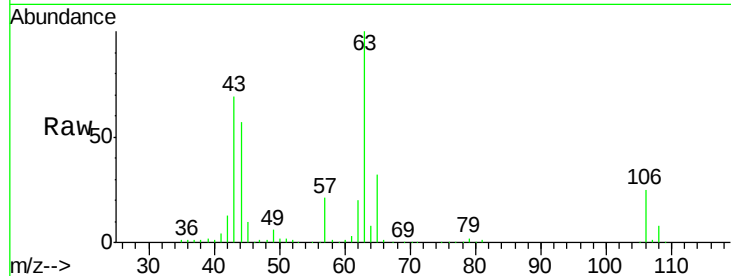
#55
2-Chloroethyl vinyl ether
Concen: 98.031 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.7	38.5
106	24.3	23.7	35.5

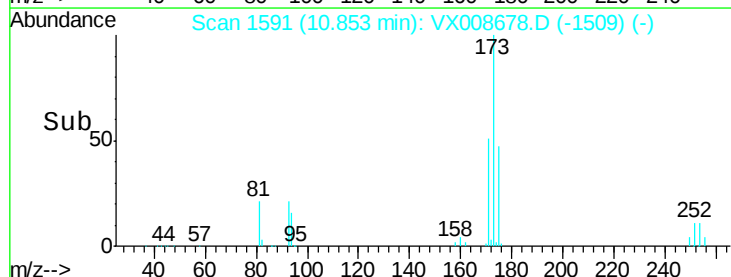
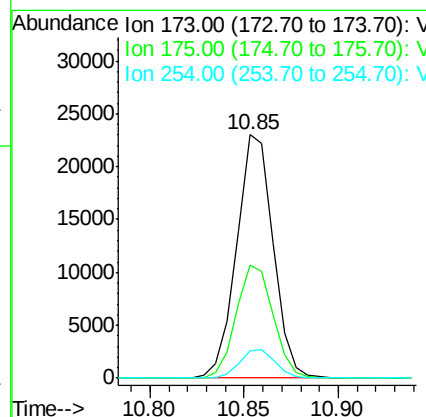
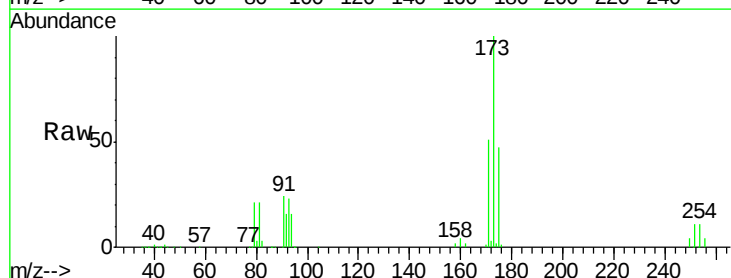
Manual Integrations
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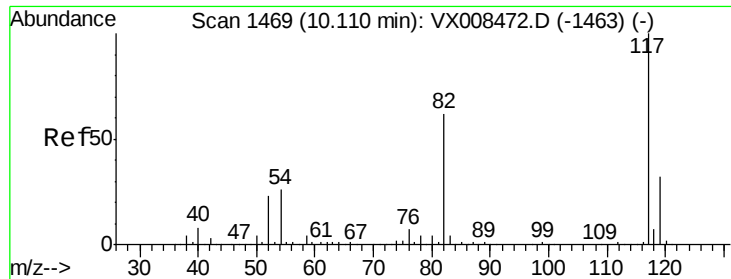
MMDadoda
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#56
Bromoform
Concen: 19.952 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	38.5	57.7
254	11.8	7.4	11.2





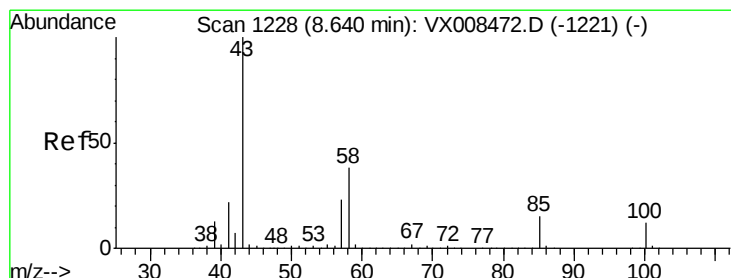
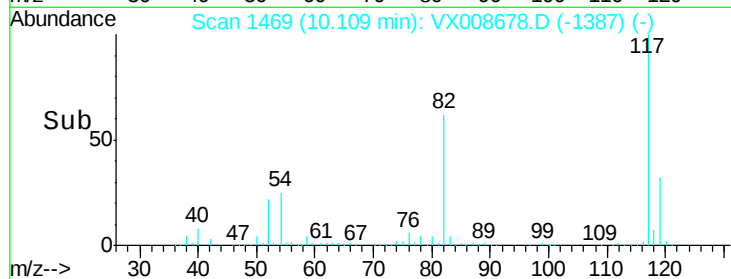
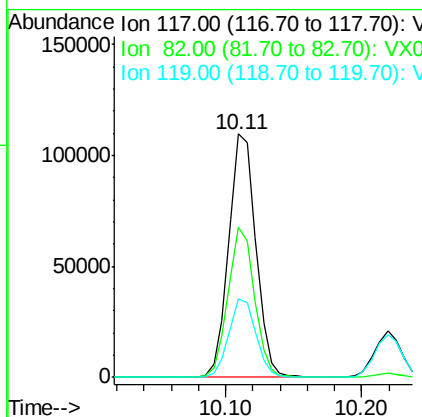
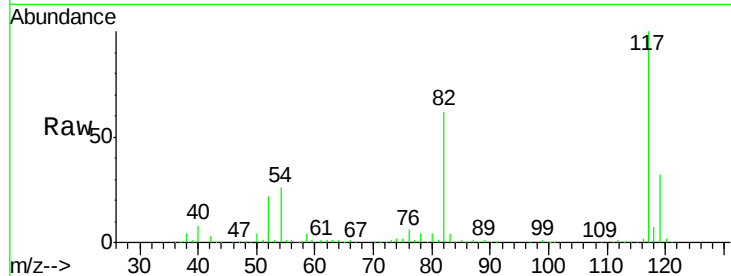
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	60.1	40.4	60.6
119	32.3	25.8	38.6

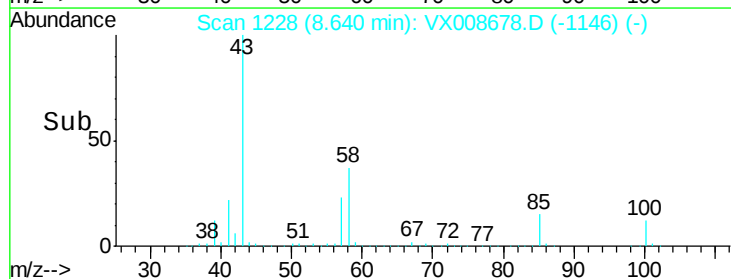
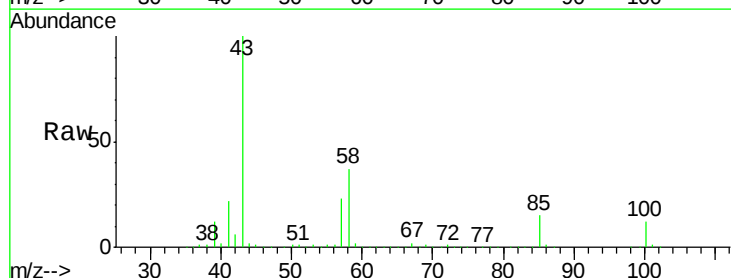
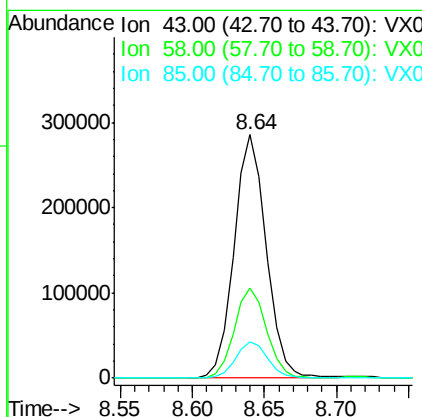
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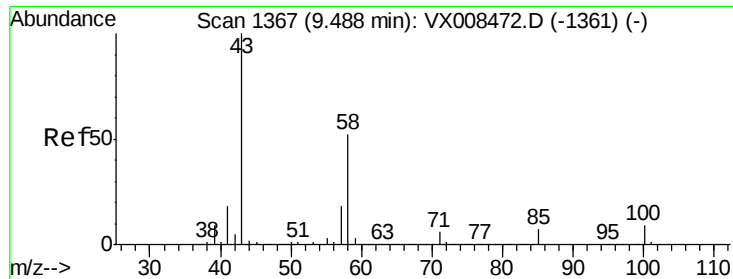
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 109.690 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	31.4	47.0
85	15.0	15.0	22.6





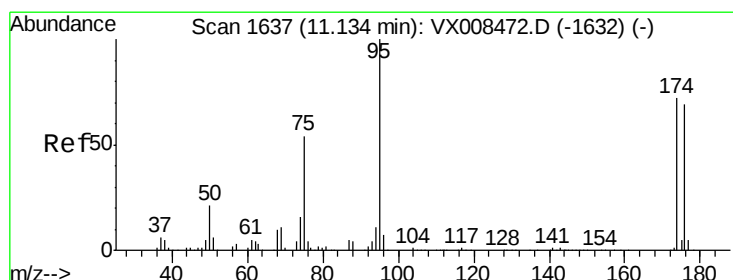
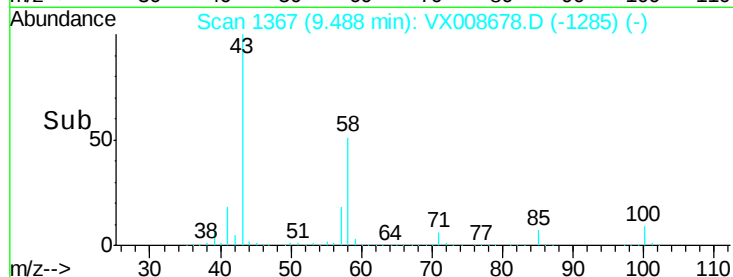
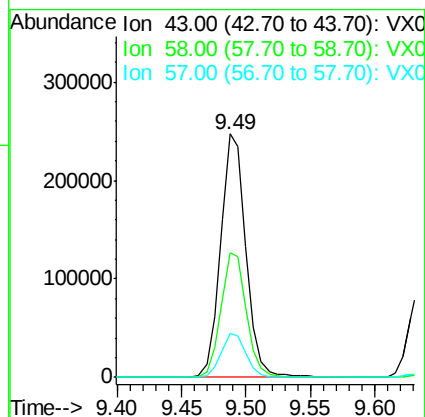
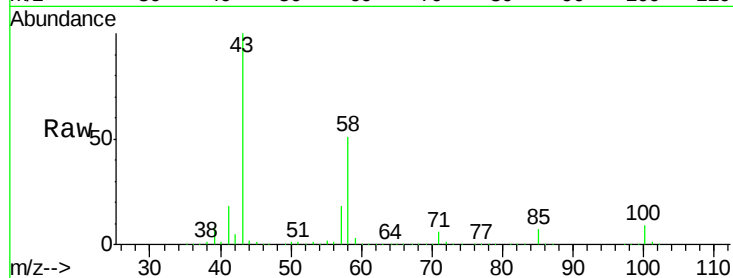
#59
2-Hexanone
Concen: 107.199 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.5	43.9	65.9
57	18.0	14.9	22.3

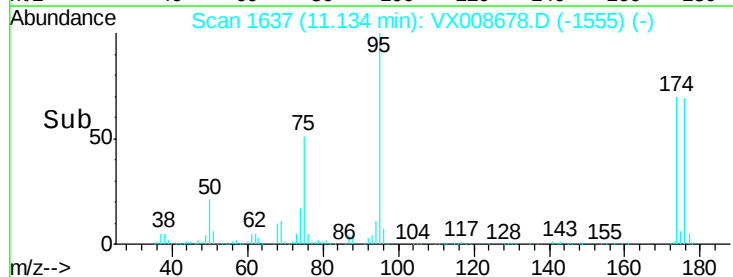
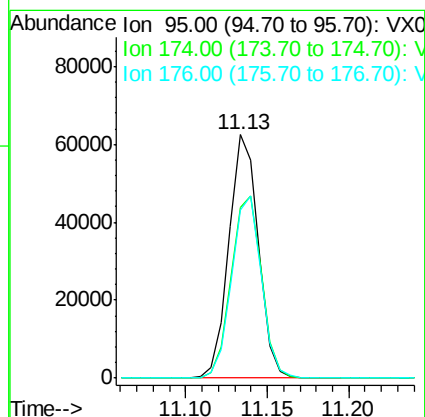
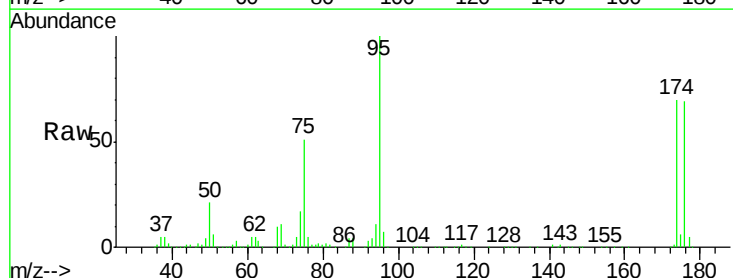
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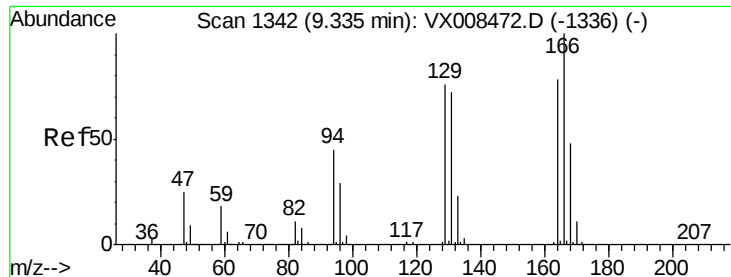
MMDadoda
4/8/2019 9:49:24 AM



#60
4-Bromofluorobenzene
Concen: 29.430 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.0	74.9	112.3
176	75.4	70.7	106.1





#61

Tetrachloroethene

Concen: 22.174 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 164 Resp: 37132

Ion Ratio Lower Upper

164 100

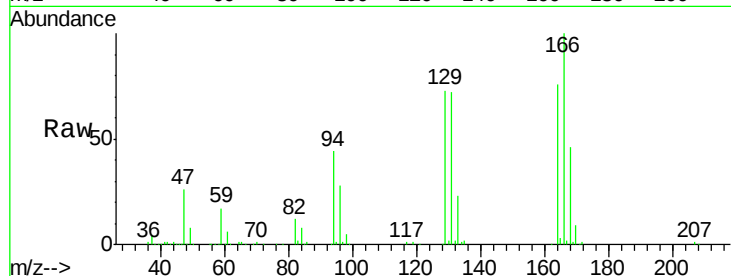
166 131.9 103.9 155.9

129 96.1 74.7 112.1

131 94.3 71.7 107.5

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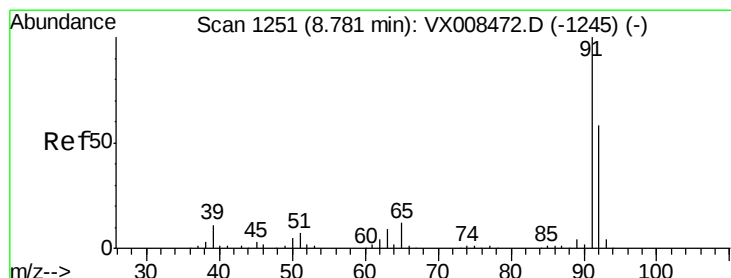
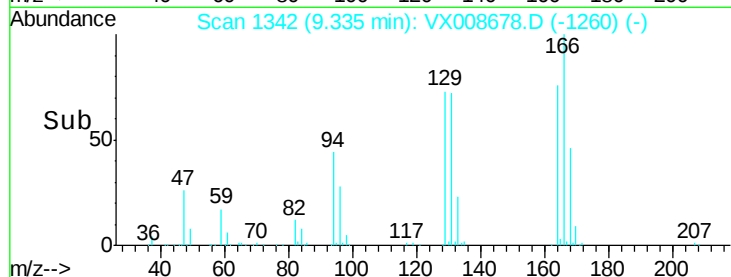
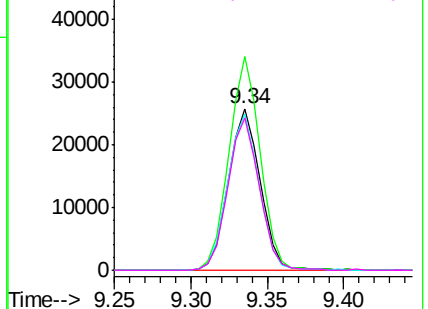


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.174 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008678.D

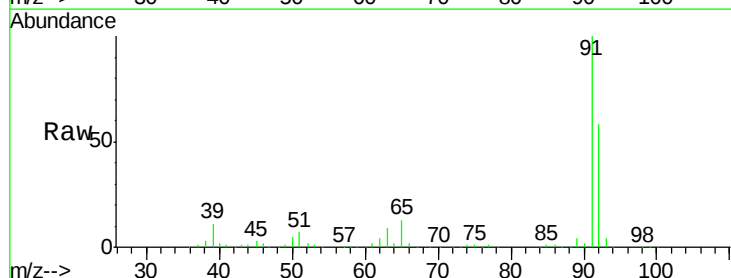
Acq: 05 Apr 2019 12:35

Tgt Ion: 91 Resp: 196264

Ion Ratio Lower Upper

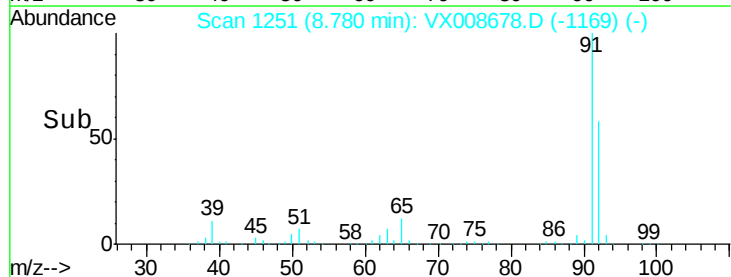
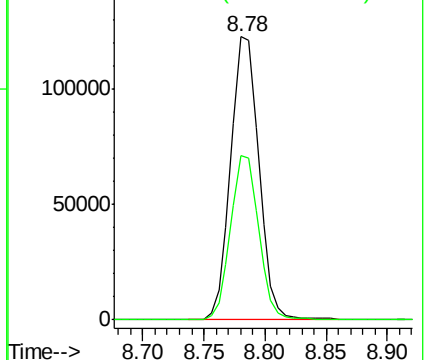
91 100

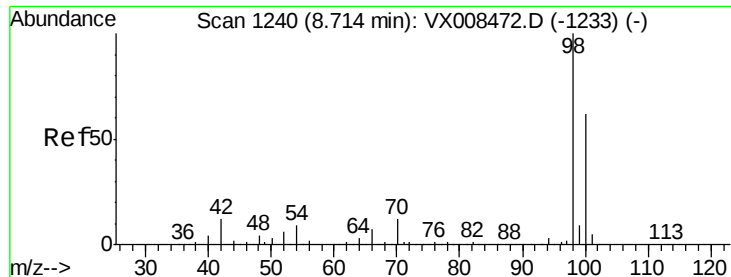
92 57.6 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.201 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX0405WBS01

Tgt Ion: 98 Resp: 219475

Ion Ratio Lower Upper

98 100

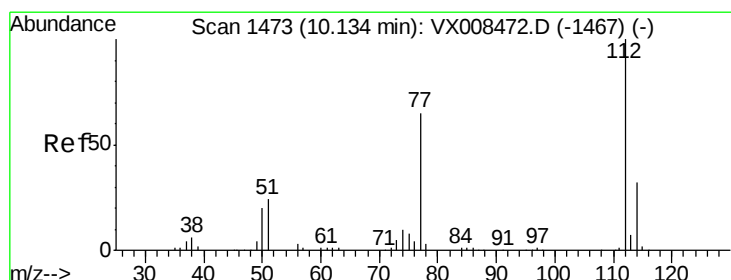
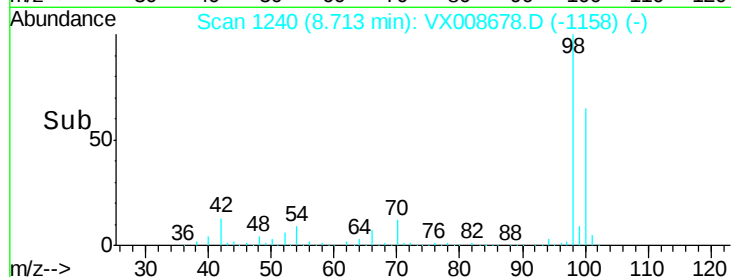
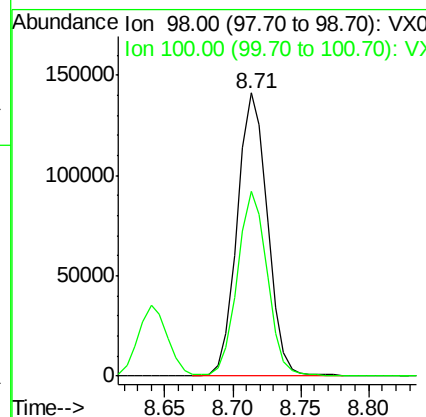
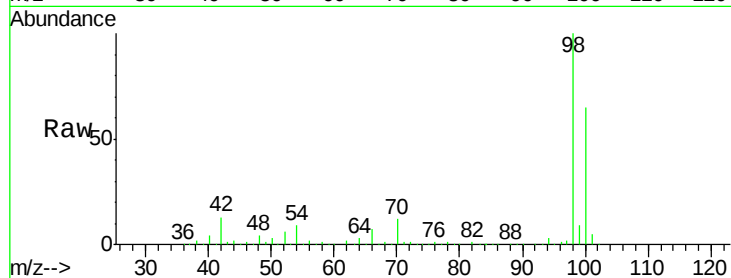
100 63.7 50.9 76.3

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#64

Chlorobenzene

Concen: 21.201 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008678.D

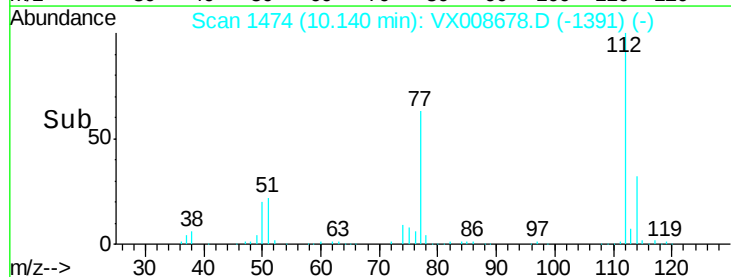
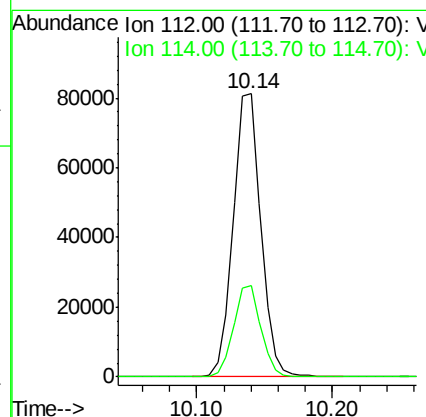
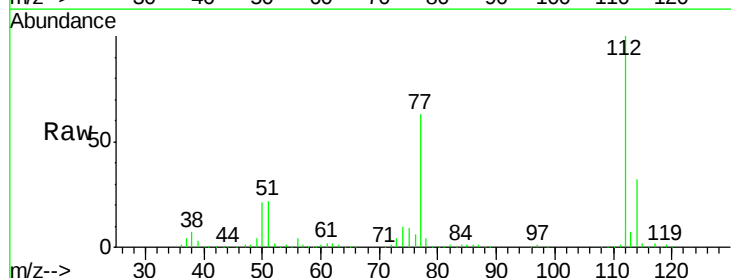
Acq: 05 Apr 2019 12:35

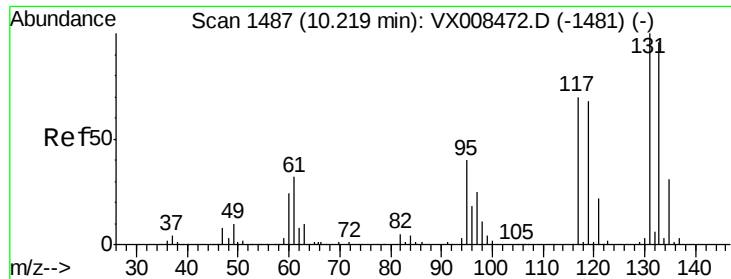
Tgt Ion: 112 Resp: 115150

Ion Ratio Lower Upper

112 100

114 32.2 25.4 38.2





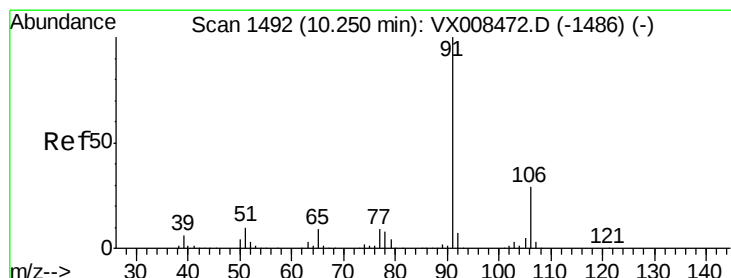
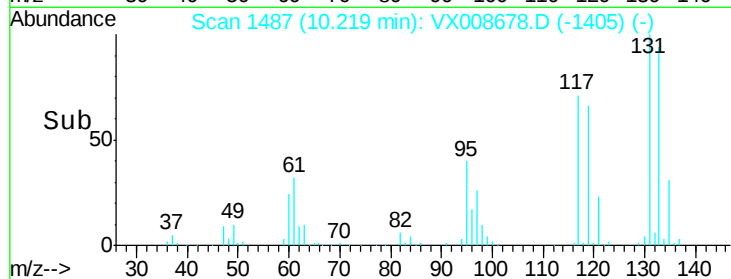
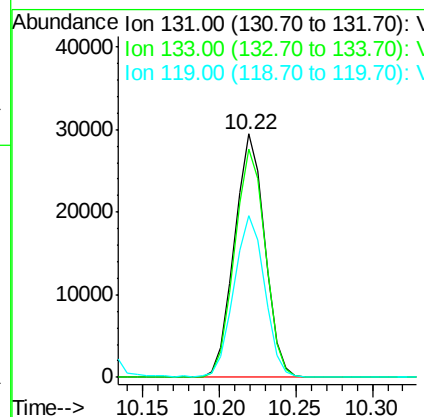
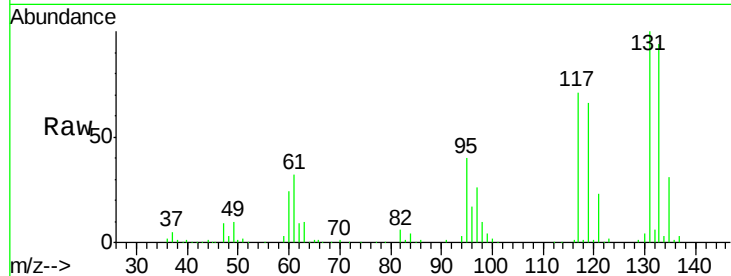
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.211 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	40618		
133	94.4	0.0	191.6	
119	66.9	0.0	127.4	

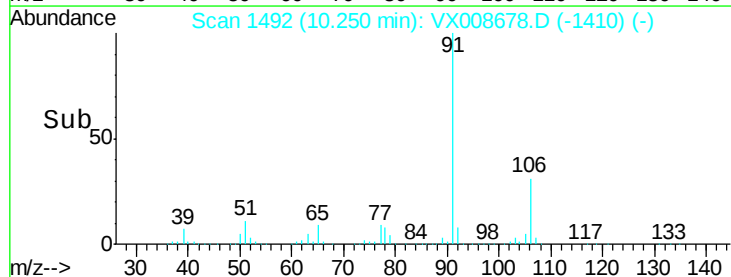
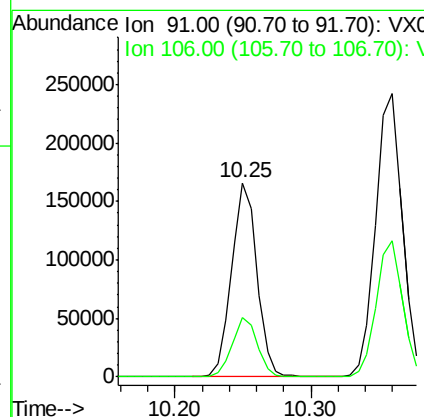
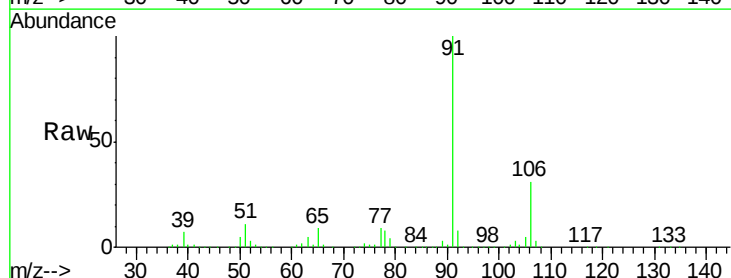
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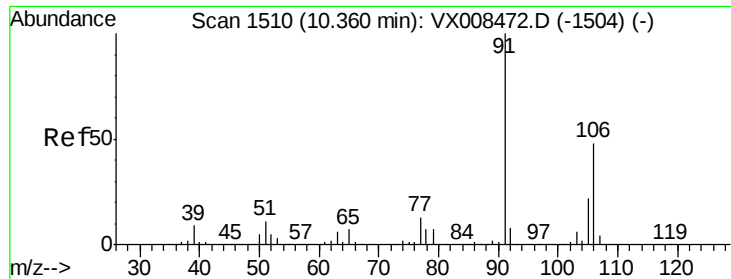
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#66
 Ethyl Benzene
 Concen: 20.889 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	214922		
106	30.6	26.0	39.0	





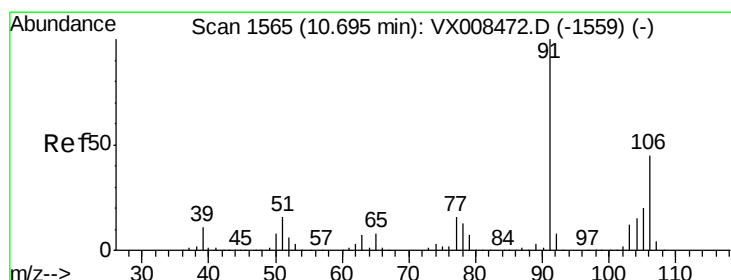
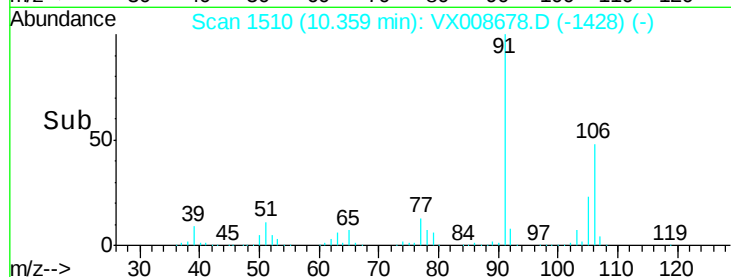
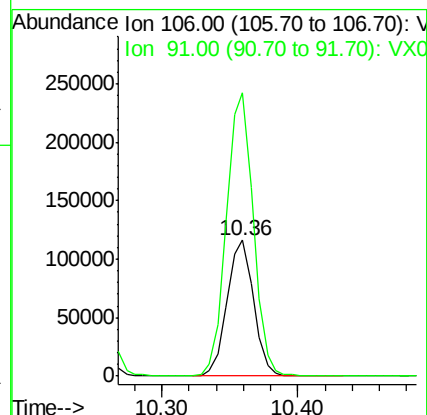
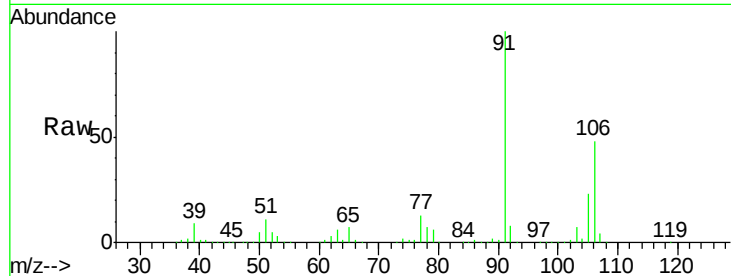
#67
m/p-Xylenes
Concen: 41.823 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion:106 Resp: 156945
Ion Ratio Lower Upper
106 100
91 211.4 157.0 235.4

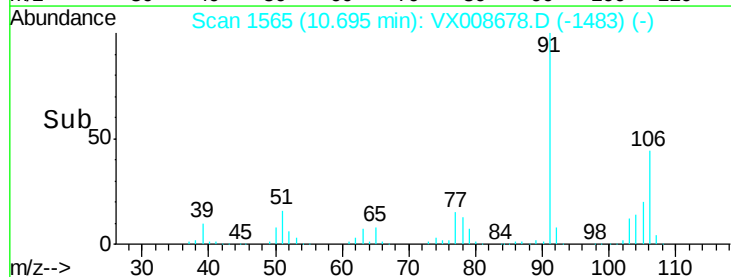
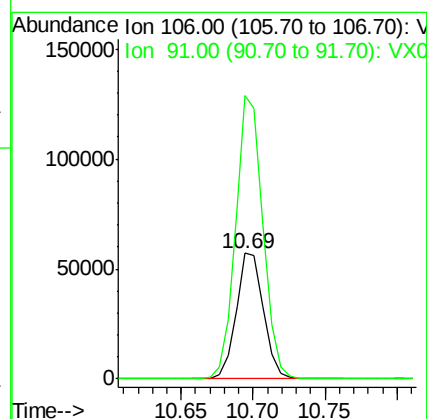
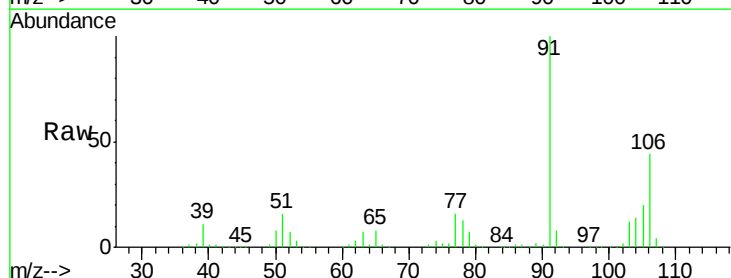
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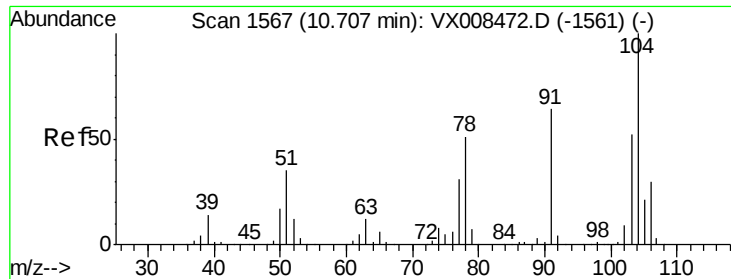
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#68
o-Xylene
Concen: 20.772 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion:106 Resp: 76280
Ion Ratio Lower Upper
106 100
91 223.9 104.4 313.2





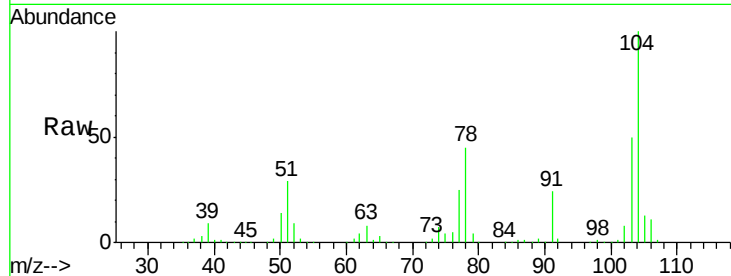
#69
Styrene
Concen: 20.856 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

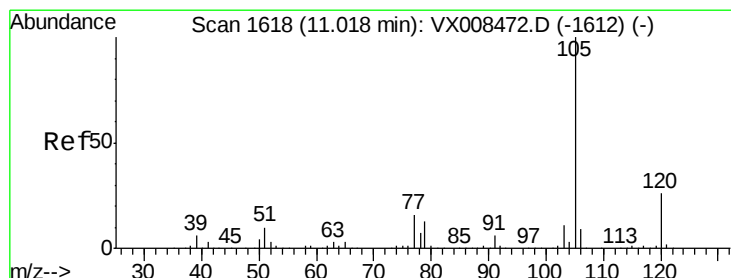
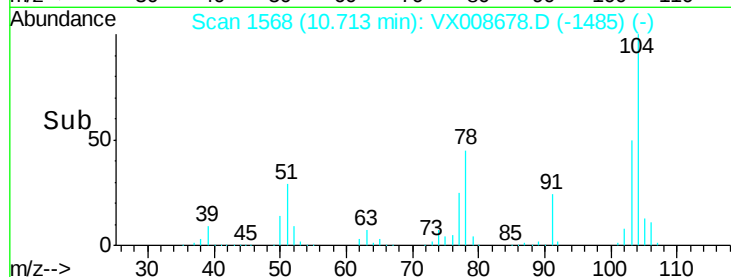
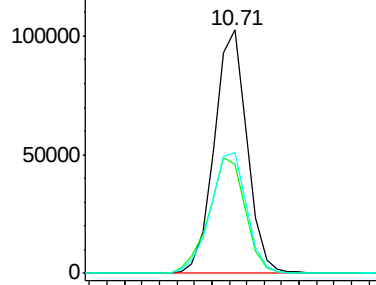
Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.6	38.2	57.2
103	55.3	45.0	67.4

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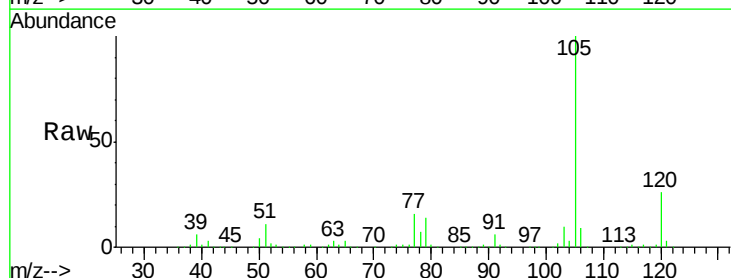


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

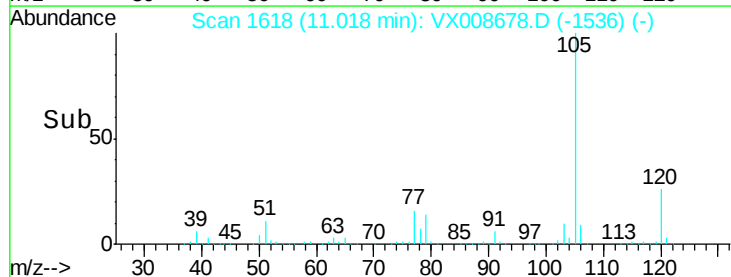
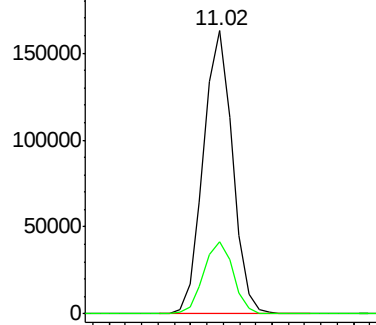


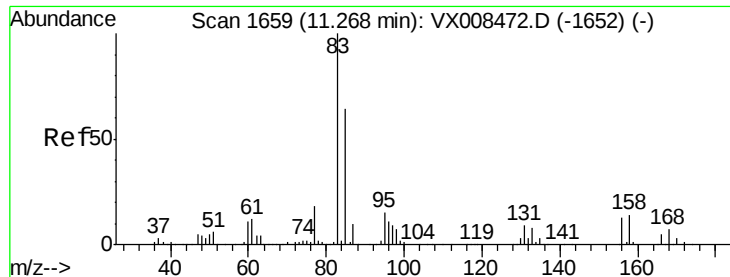
#70
Isopropylbenzene
Concen: 20.894 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	19.8	36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





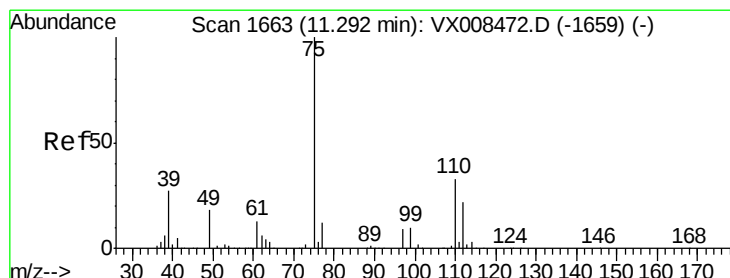
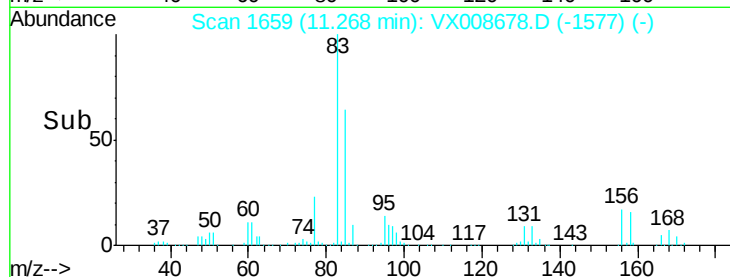
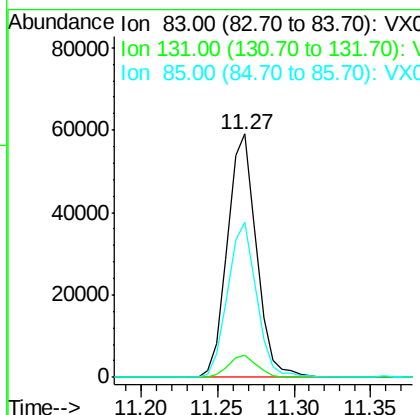
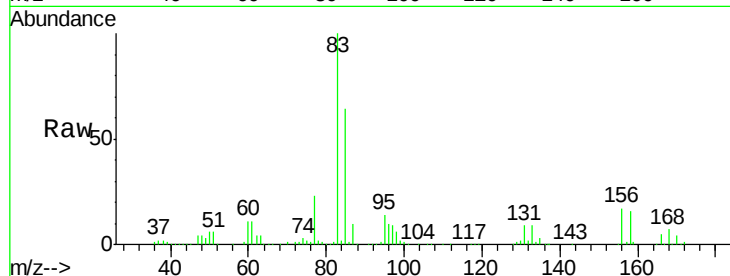
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.492 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.4	16.2
85	63.3	32.8	98.4

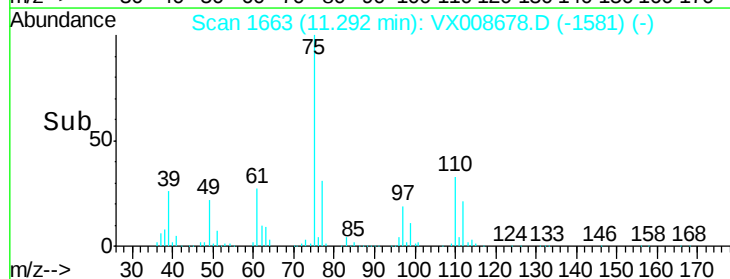
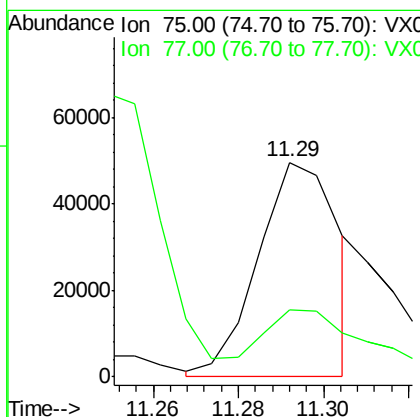
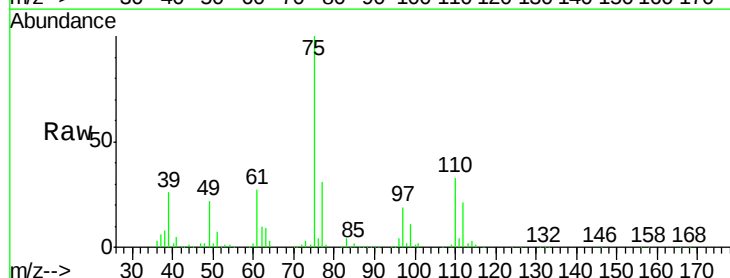
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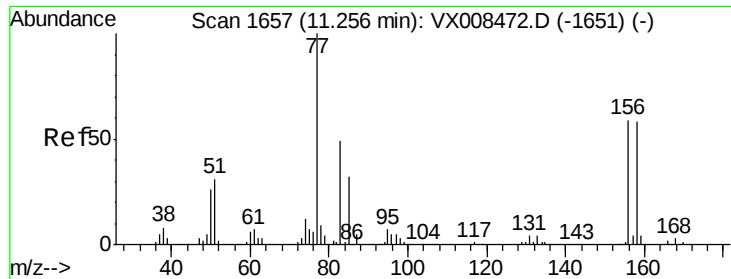
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#72
 1,2,3-Trichloropropane
 Concen: 21.164 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.5	0.0	76.4





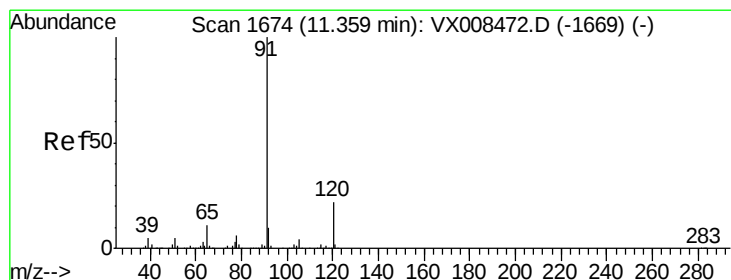
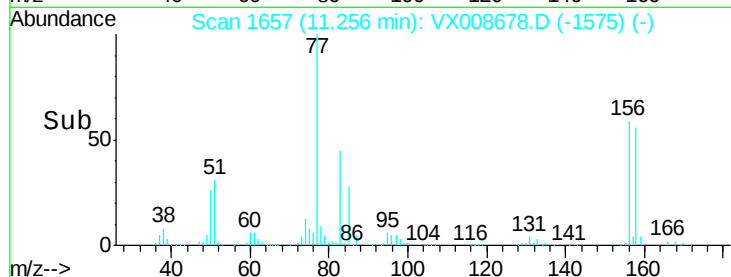
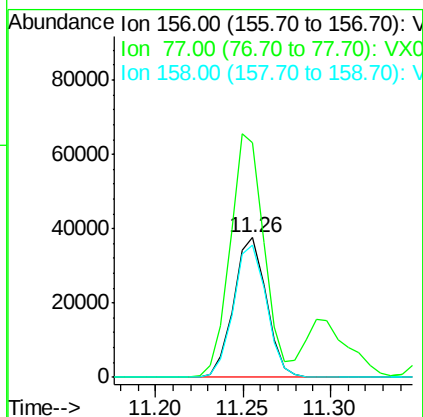
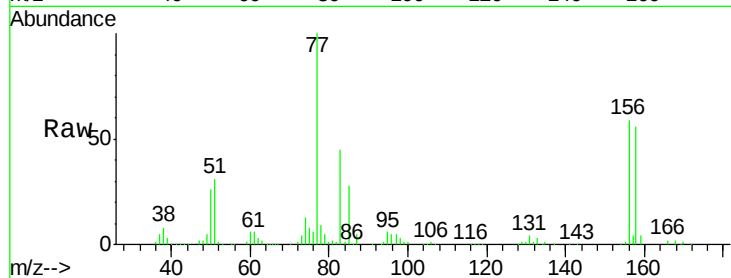
#73
Bromobenzene
Concen: 21.308 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	178.4	0.0	271.4
158	95.6	0.0	194.0

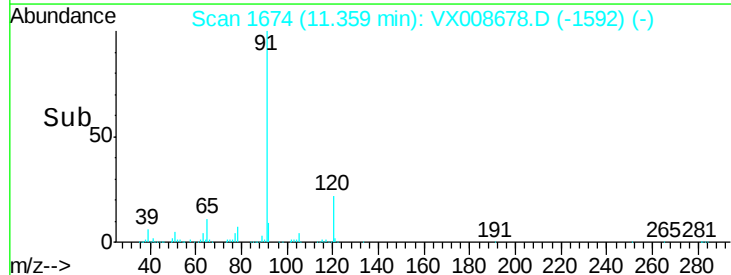
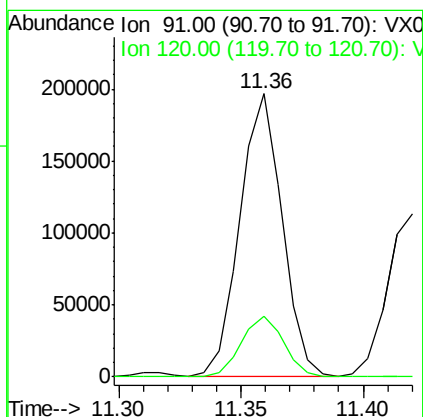
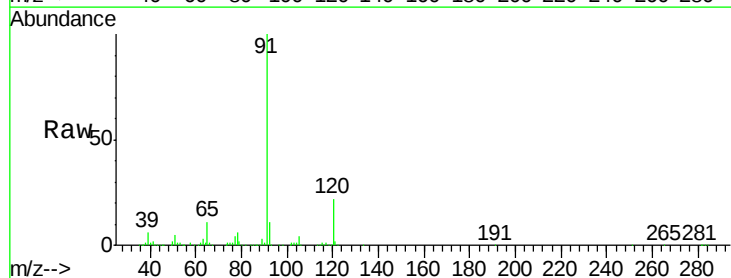
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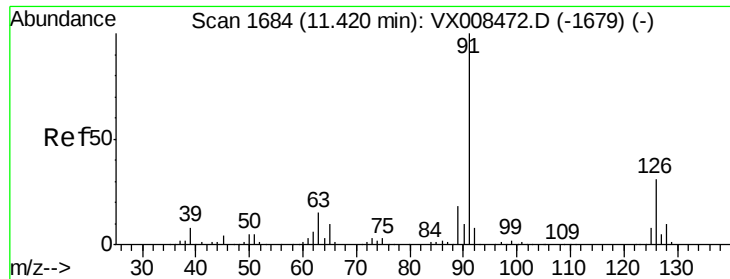
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#74
n-propylbenzene
Concen: 20.542 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	48.6





#75

2-Chlorotoluene

Concen: 20.832 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

ClientSampled :

VX0405WBS01

Tgt Ion: 91 Resp: 143027

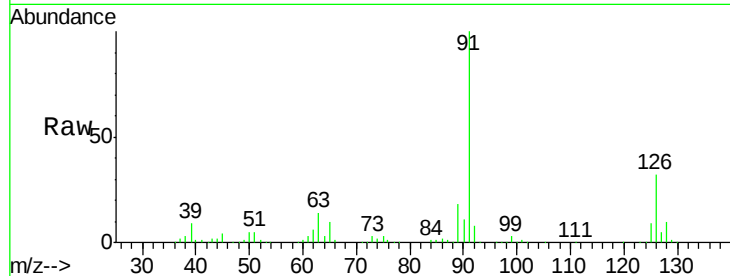
Ion Ratio Lower Upper

91 100

126 31.4 0.0 75.2

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)

200000

150000

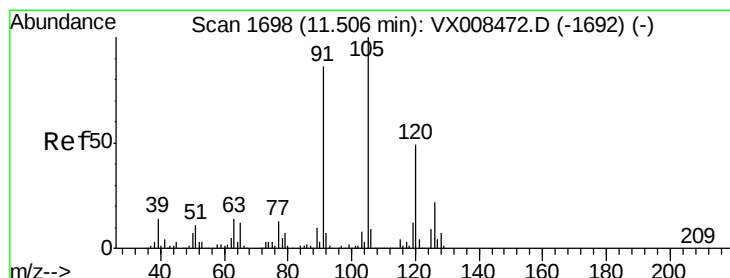
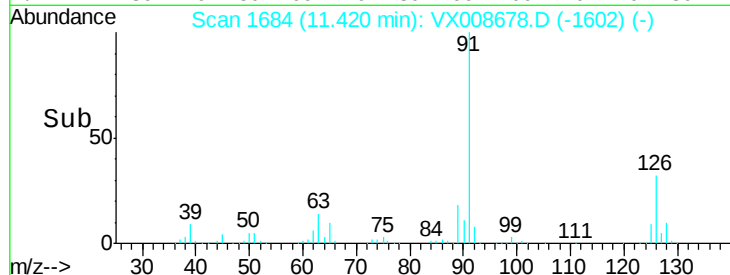
100000

50000

0

11.40 11.42 11.44

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.795 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008678.D

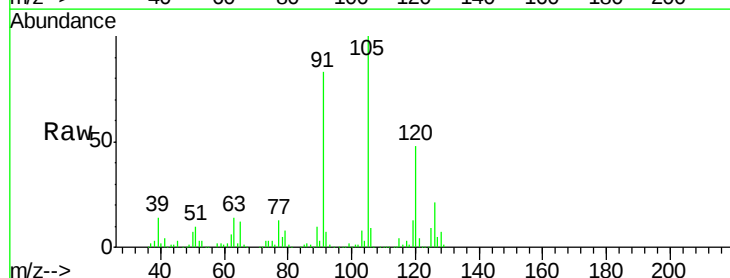
Acq: 05 Apr 2019 12:35

Tgt Ion: 105 Resp: 172216

Ion Ratio Lower Upper

105 100

120 47.3 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)

150000

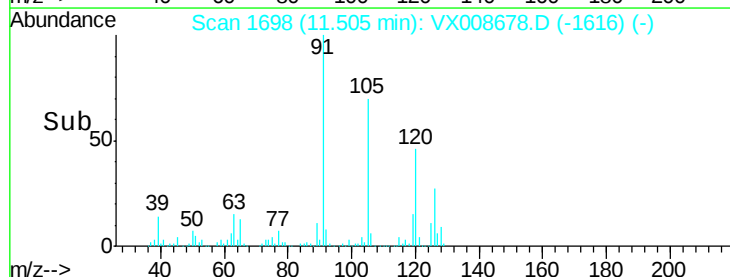
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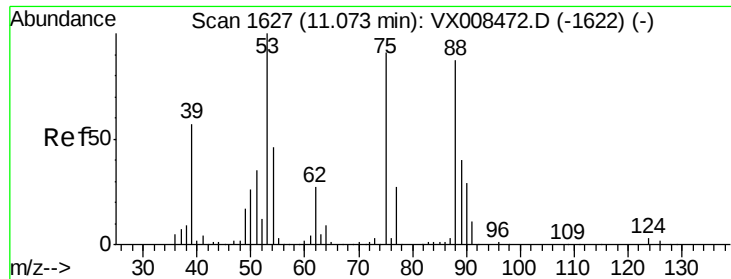
50000

0

11.45 11.50 11.55 11.60

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 19.106 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Instrument :

MSVOA_X

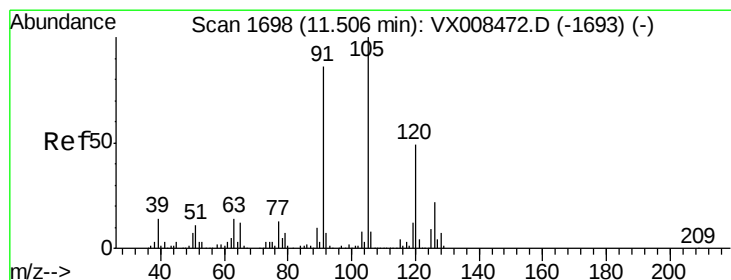
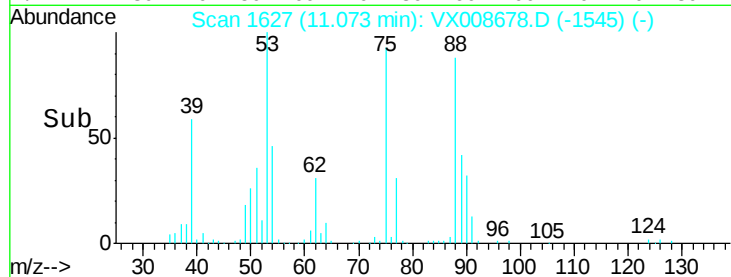
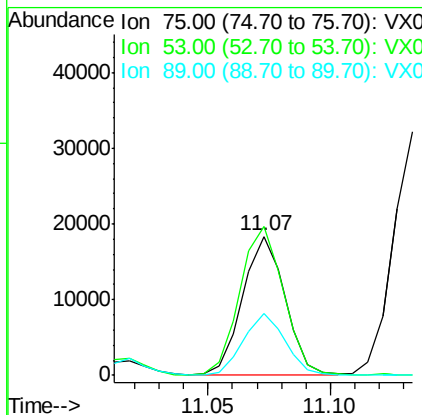
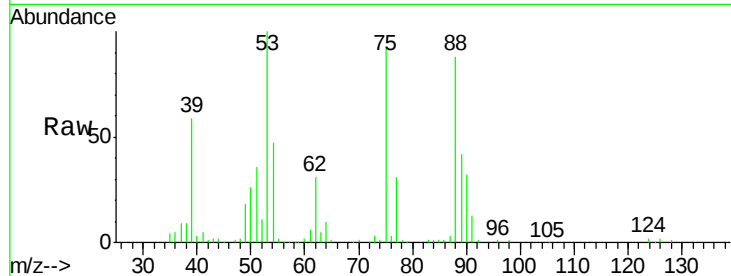
ClientSampleId :

VX0405WBS01

Tgt Ion:	75	Resp:	22417
Ion Ratio	Lower	Upper	
75	100		
53	106.5	55.5	166.7
89	44.3	24.4	73.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 20.450 ug/l

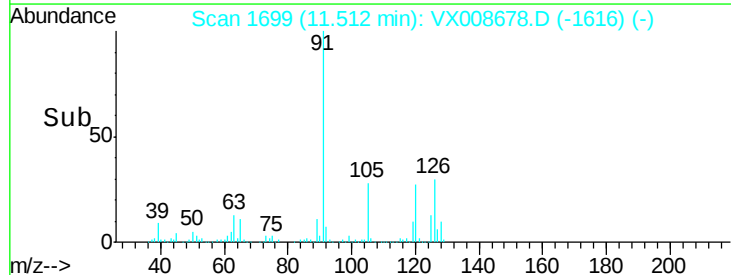
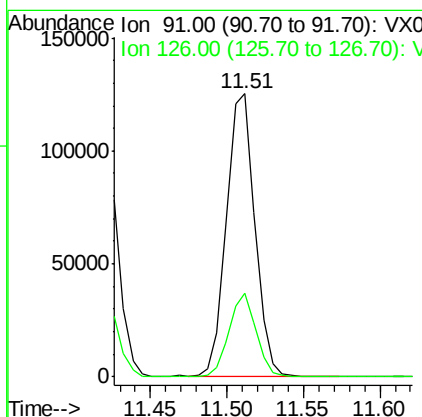
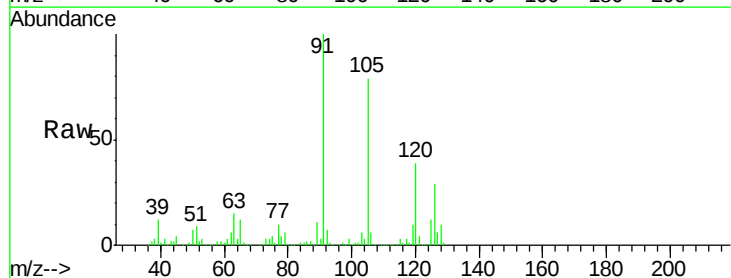
RT: 11.51 min Scan# 1699

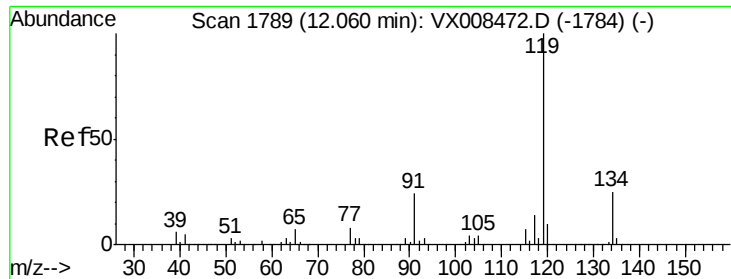
Delta R.T. 0.01 min

Lab File: VX008678.D

Acq: 05 Apr 2019 12:35

Tgt Ion:	91	Resp:	161592
Ion Ratio	Lower	Upper	
91	100		
126	27.8	0.0	66.2





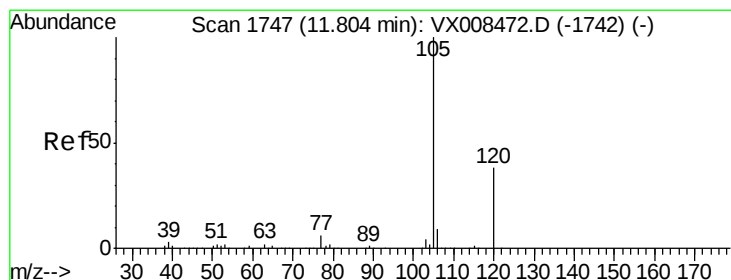
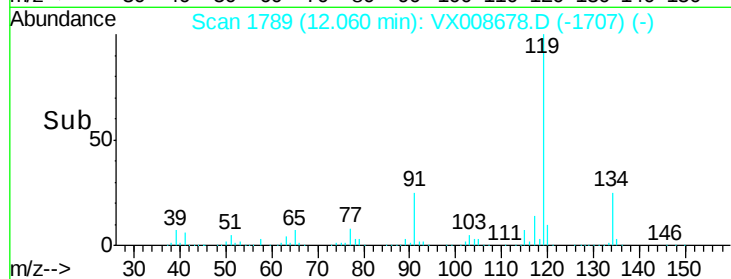
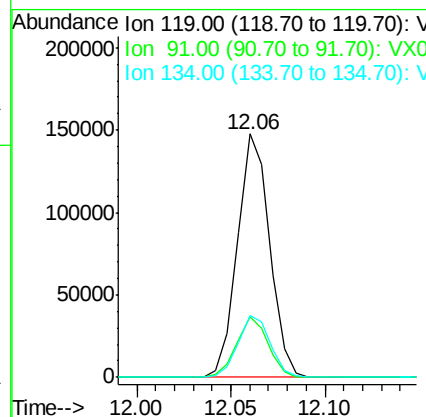
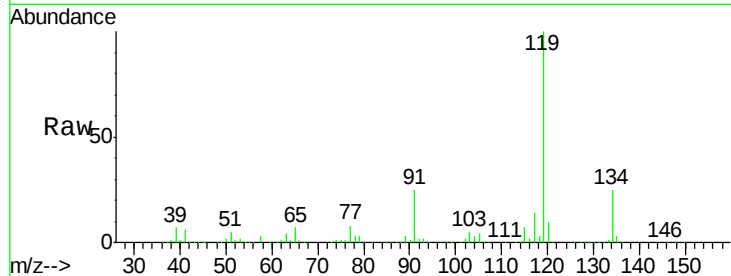
#79
tert-butylbenzene
Concen: 20.675 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174979		
91	24.1	0.0	45.0	
134	25.5	0.0	55.4	

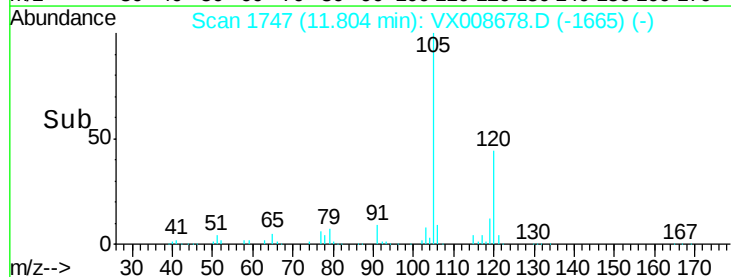
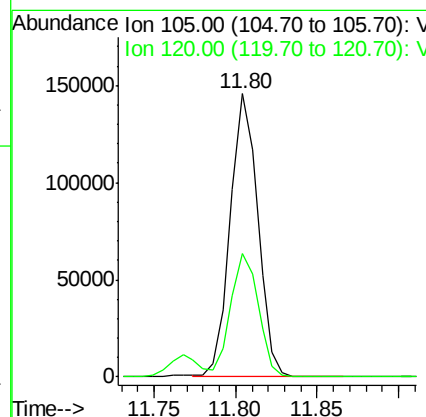
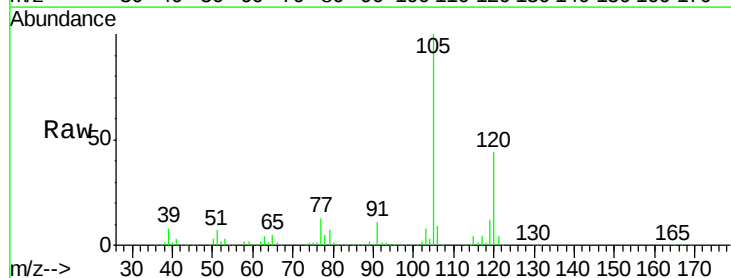
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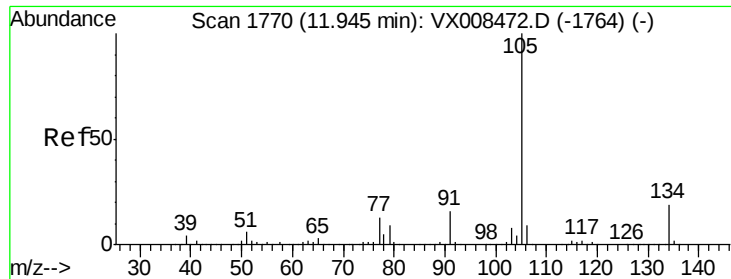
MMDadoda
4/8/2019 9:49:24 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.762 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	171448		
120	43.8	0.0	94.0	





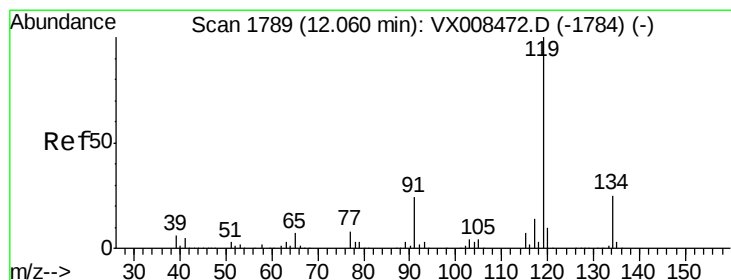
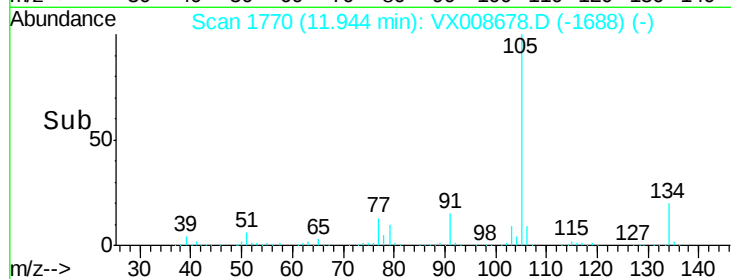
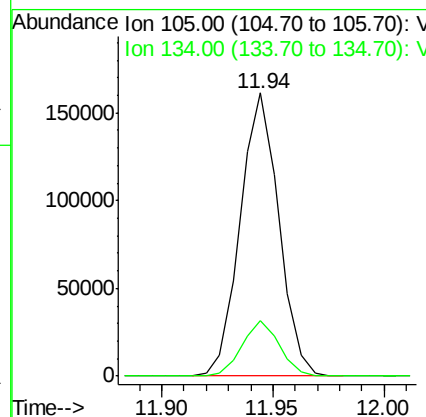
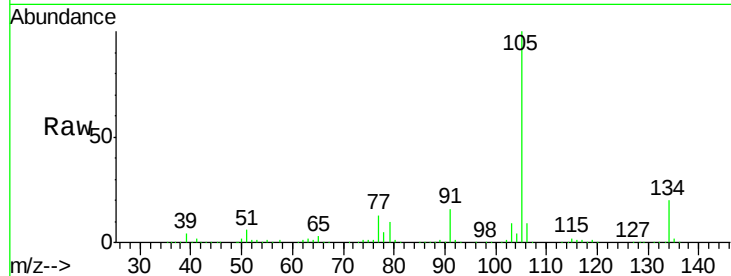
#81
 sec-Butylbenzene
 Concen: 20.496 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193944		
134	19.2	0.0	41.8	

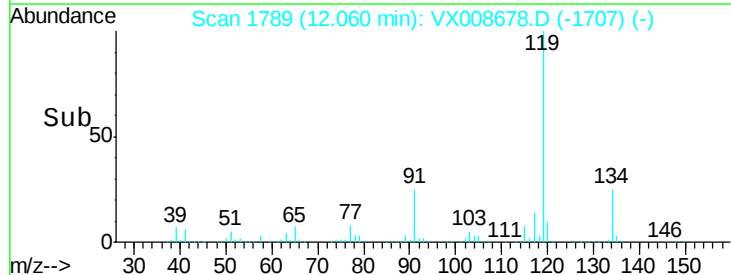
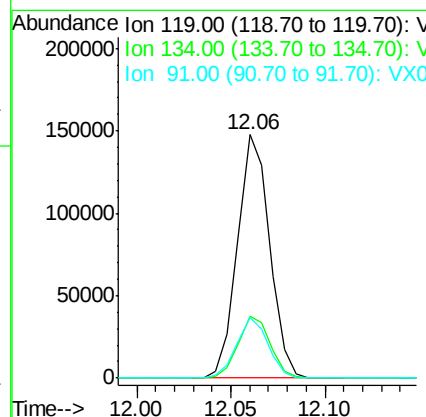
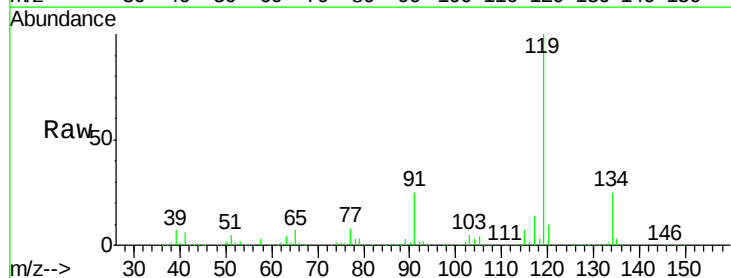
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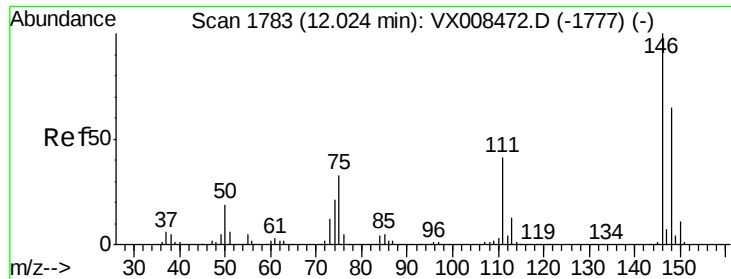
MMDadoda
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#82
 p-Isopropyltoluene
 Concen: 20.675 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	174979		
134	25.5	0.0	55.4	
91	24.1	0.0	45.0	





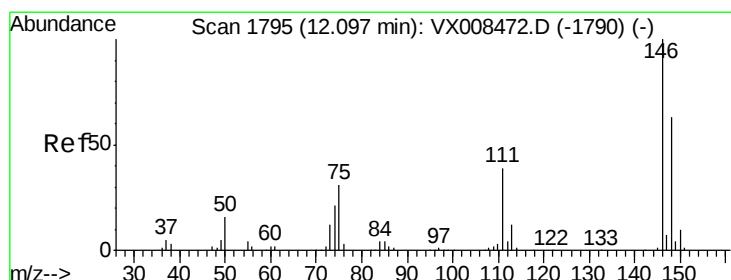
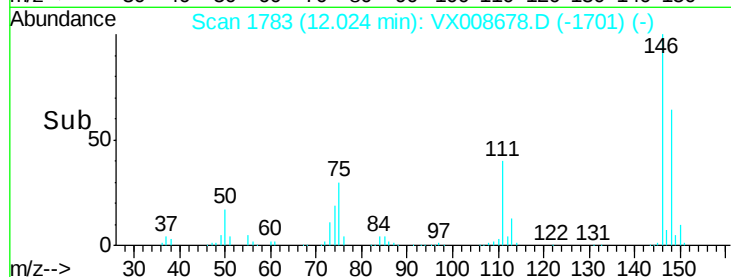
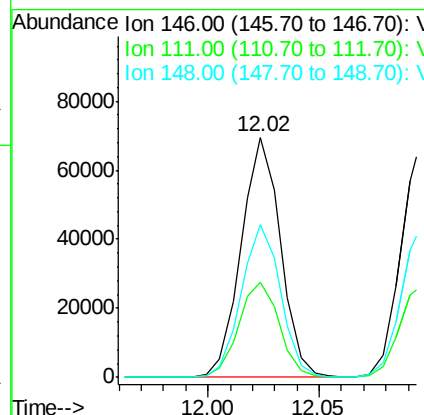
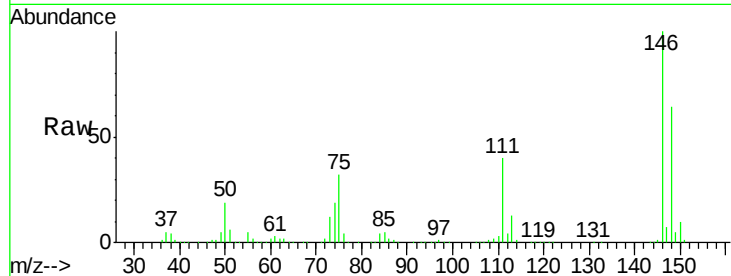
#83
 1,3-Dichlorobenzene
 Concen: 20.926 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.8	56.3
148	63.7	30.6	91.8

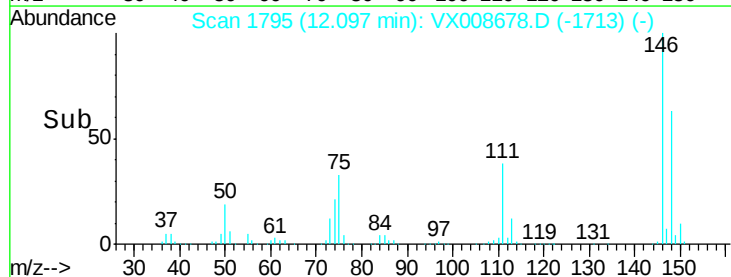
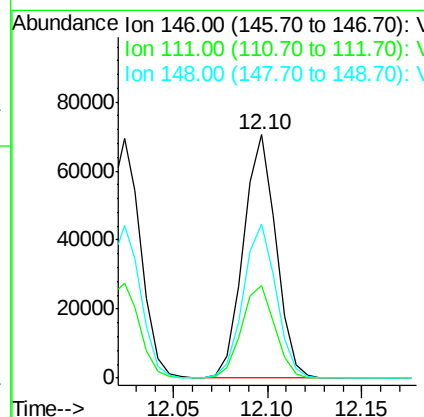
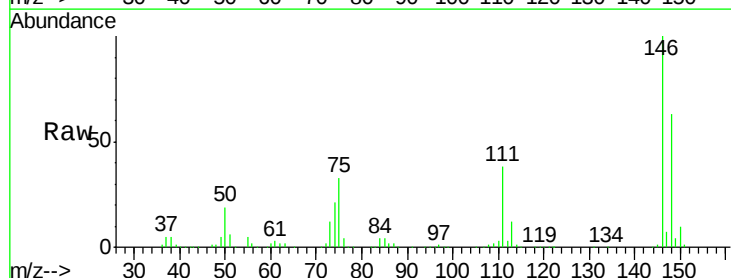
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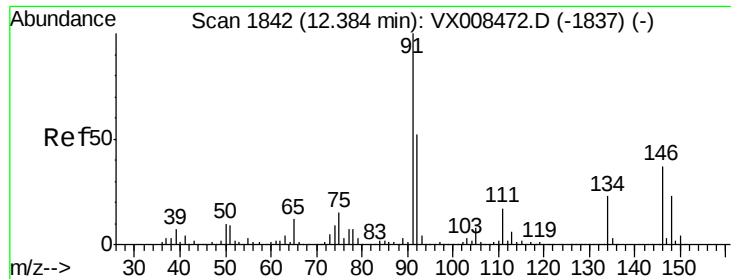
MMDadoda
 4/8/2019 9:49:24 AM



#84
 1,4-Dichlorobenzene
 Concen: 20.728 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	17.6	52.8
148	64.0	31.4	94.2





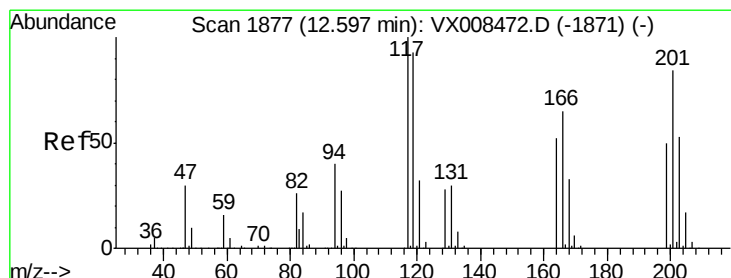
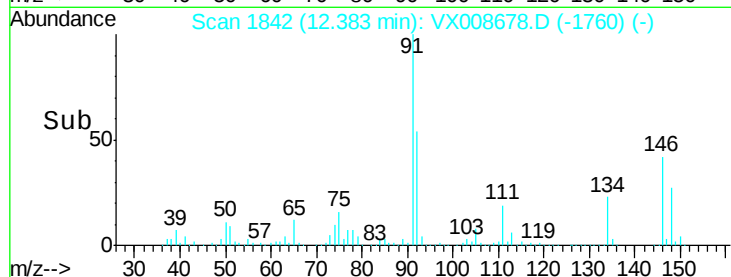
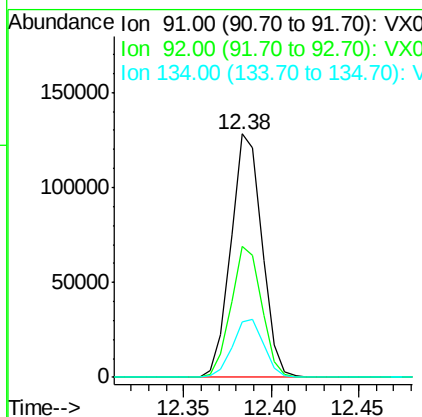
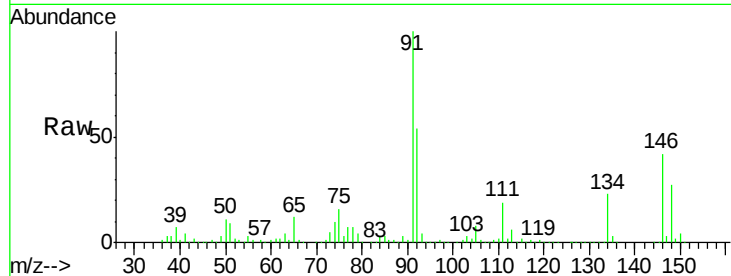
#85
n-Butylbenzene
Concen: 19.678 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion: 91 Resp: 158241
Ion Ratio Lower Upper
91 100
92 53.3 0.0 105.2
134 24.0 0.0 56.4

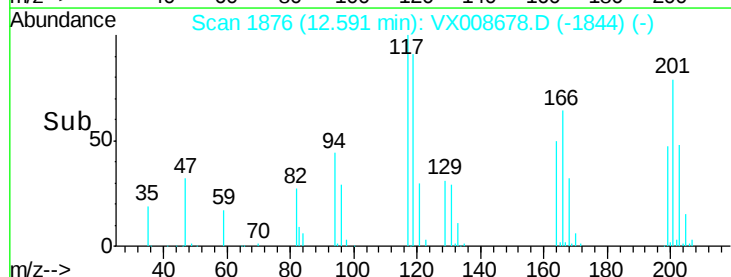
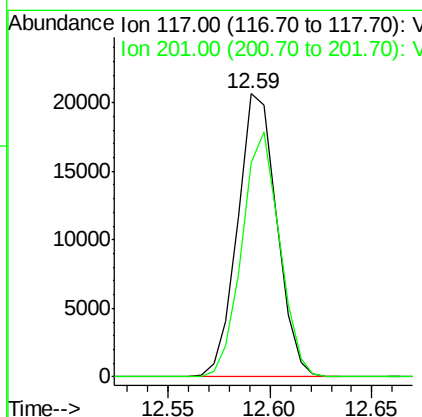
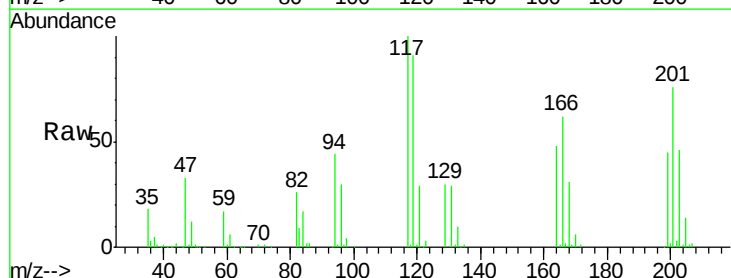
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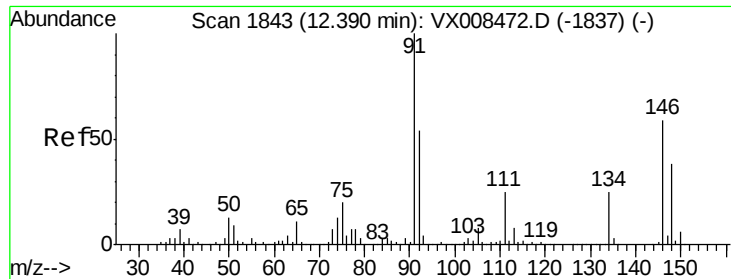
MMDadoda
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#86
Hexachloroethane
Concen: 19.472 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion: 117 Resp: 27535
Ion Ratio Lower Upper
117 100
201 83.2 41.1 123.3





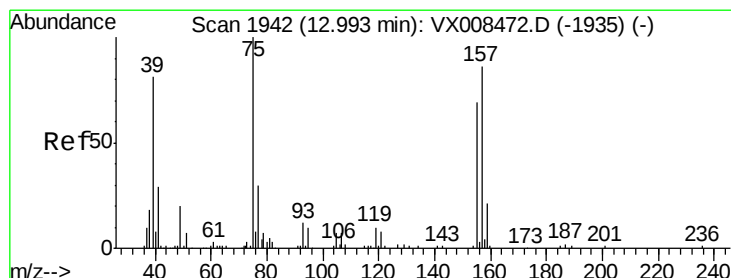
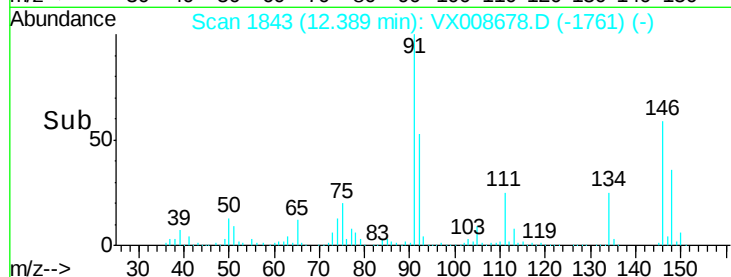
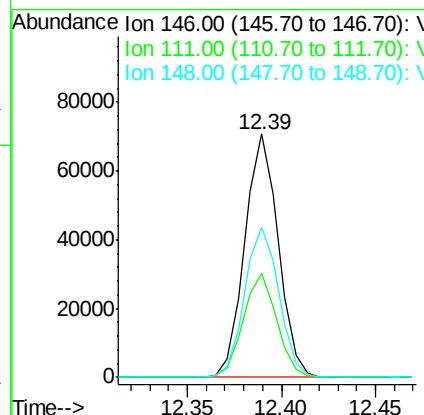
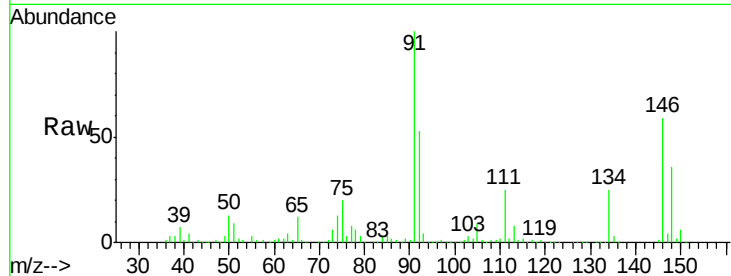
#87
 1,2-Dichlorobenzene
 Concen: 21.166 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.3	57.8
148	63.0	32.1	96.3

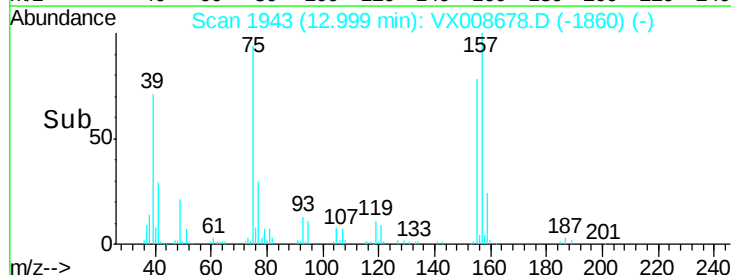
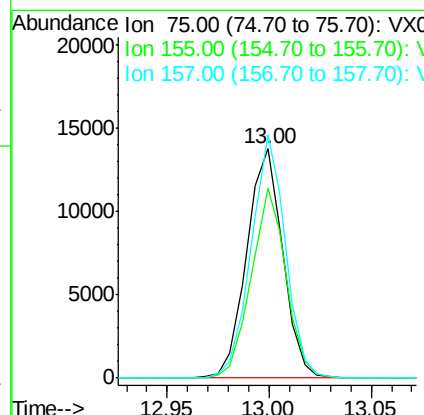
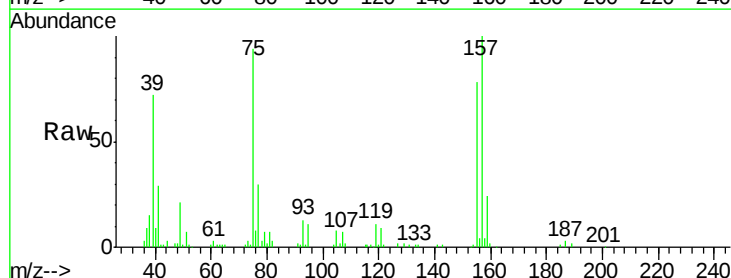
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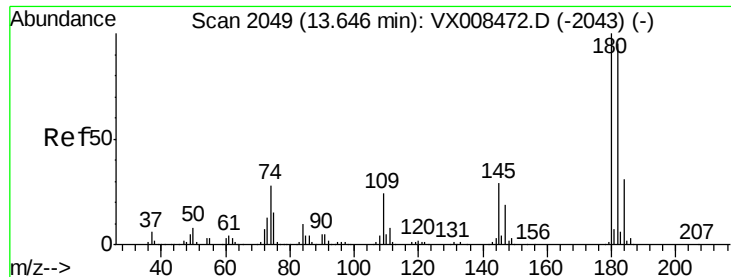
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.009 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008678.D
 Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	81.0	121.6#
157	101.5	103.2	154.8#





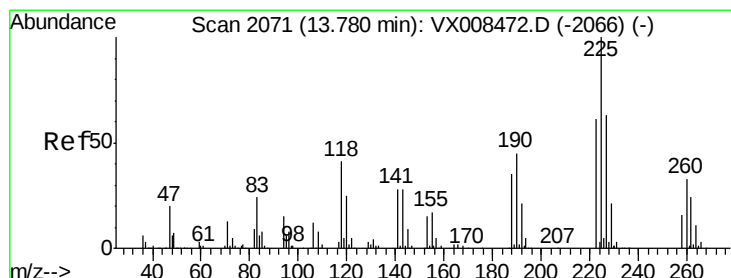
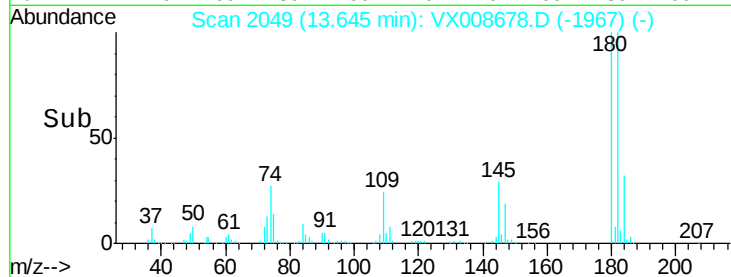
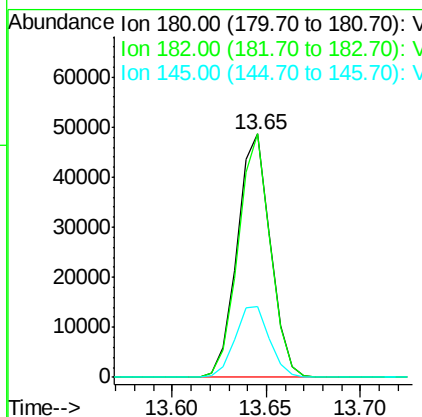
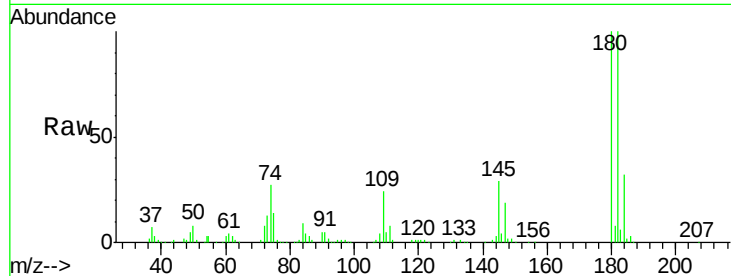
#89
1,2,4-Trichlorobenzene
Concen: 20.899 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.6	113.4
145	30.6	23.0	34.6

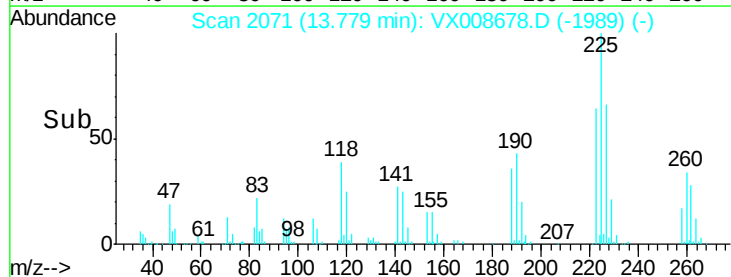
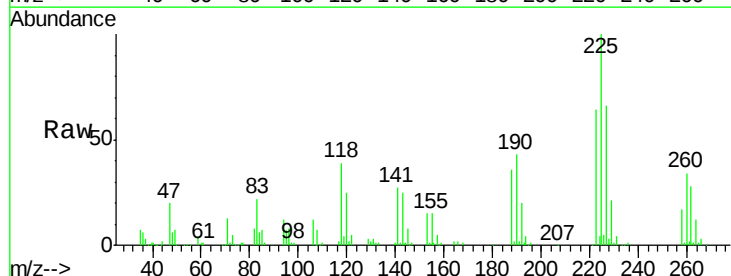
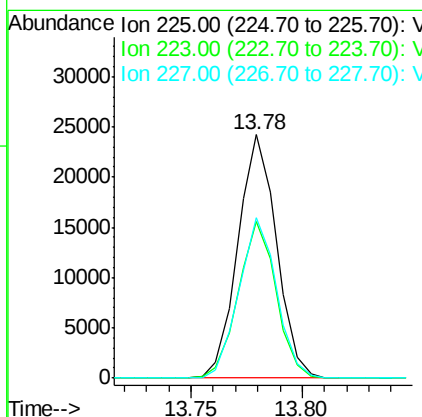
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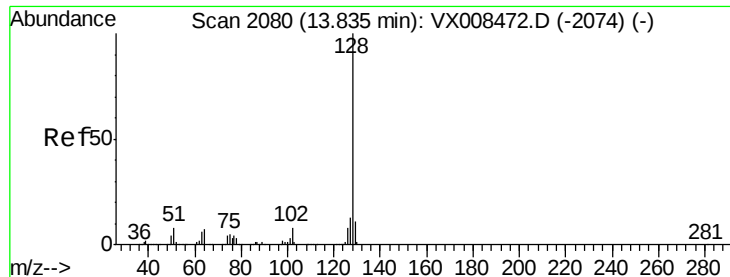
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#90
Hexachlorobutadiene
Concen: 21.380 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	123.8
227	64.1	0.0	124.4





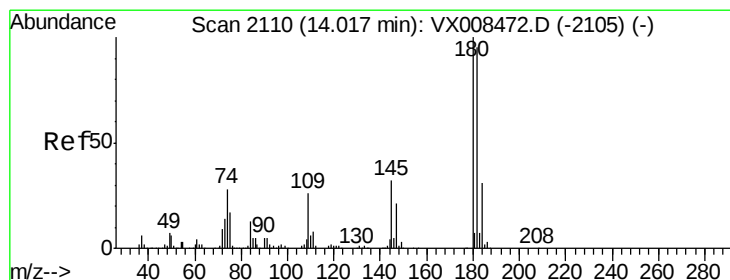
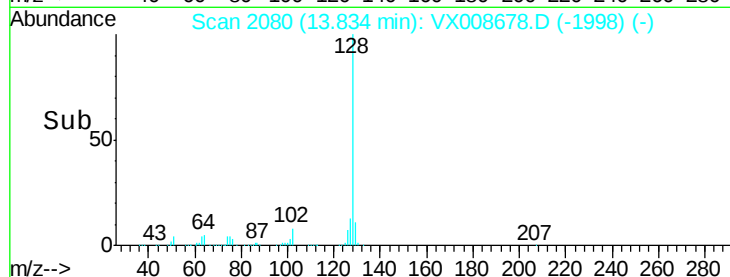
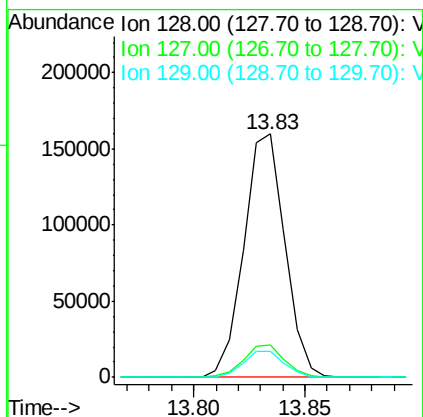
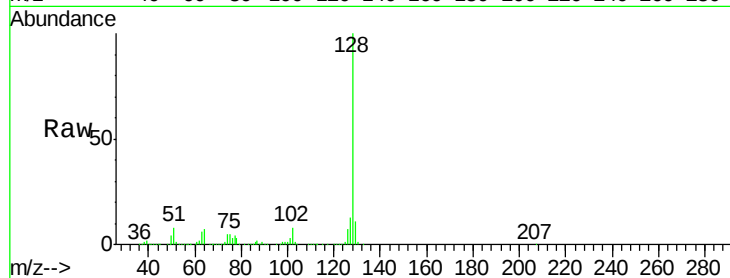
#91
Naphthalene
Concen: 21.108 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX0405WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	205661		
127	13.4	10.5	15.7	
129	10.9	8.9	13.3	

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#92
1,2,3-Trichlorobenzene
Concen: 21.448 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008678.D
Acq: 05 Apr 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61439		
182	93.9	0.0	193.0	
145	31.9	0.0	63.0	

